



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number               | ARP55356_P050-FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Page                 | <a href="http://www.avivasysbio.com/gspt2-antibody-n-terminal-region-fitc-arp55356-p050-fitc.html">www.avivasysbio.com/gspt2-antibody-n-terminal-region-fitc-arp55356-p050-fitc.html</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Name                         | GSPT2 Antibody - N-terminal region : FITC (ARP55356_P050-FITC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Size (# AA)          | 628 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Molecular Weight             | 69kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Subunit                      | ERF3B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugation                  | FITC: Fluorescein Isothiocyanate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NCBI Gene Id                 | 23708                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Host                         | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clonality                    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Concentration                | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Full Name               | G1 to S phase transition 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alias Symbols                | GST2, ERF3B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Peptide Sequence             | Synthetic peptide located within the following region:<br><a href="#">MALEESWEHSKEVSEAEPPGGSSGDSGPPEESGQEMMEEKFEIRKSKSVI</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product Format               | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reference                    | Chauvin,C., (2005) Mol. Cell. Biol. 25 (14), 5801-5811                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description of Target        | GSPT2 is closely related to GSPT1, a GTP-binding protein that plays an essential role at the G1- to S-phase transition of the cell cycle in yeast and human cells. GSPT1 is a positive regulator of translational accuracy and, in a binary complex with eRF1, functions as a polypeptide chain release factor. GSPT2 is closely related to GSPT1 (MIM 139259), a GTP-binding protein that plays an essential role at the G1- to S-phase transition of the cell cycle in yeast and human cells. GSPT1 is a positive regulator of translational accuracy and, in a binary complex with eRF1 (MIM 600285), functions as a polypeptide chain release factor.[supplied by OMIM].<br>PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-207 BC036077.1 1-207 208-1527 AJ251548.1 12-1331 1528-2497 AK001303.1 1512-2481 2498-2503 AK023155.1 2487-2492 |
| Protein Interactions         | UBC; ATG7; STAT1; SNX2; SNX1; SHMT2; SHMT1; RDX; NASP; IDE; GSPT1; CTTN; ATP6V1C1; UPF1; PABPC1; SMG1; CCT2; APP; UBR5; ETF1;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reconstitution and Storage   | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Datasheets/Manuals           | Printable datasheet for <a href="#">anti-GSPT2 (ARP55356_P050-FITC) antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Blocking Peptide             | For anti-GSPT2 (ARP55356_P050-FITC) antibody is <a href="#">Catalog # AAP55356</a> (Previous Catalog # AAPP33228)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                    | The immunogen is a synthetic peptide directed towards the N terminal region of human GSPT2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Uniprot ID                   | <a href="#">Q8IYD1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Name                 | Eukaryotic peptide chain release factor GTP-binding subunit ERF3B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protein Accession #          | <a href="#">NP_060564</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purification                 | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Nucleotide Accession #       | <a href="#">NM_018094</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol                  | <a href="#">GSPT2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Predicted Species Reactivity | Human, Mouse, Rat, Horse, Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Application                  | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|                                                               |                                                                                   |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Predicted Homology<br/>Based on Immunogen<br/>Sequence</b> | Horse: 86%; Human: 100%; Mouse: 86%; Pig: 86%; Rat: 86%                           |
| <b>Image 1</b>                                                |  |

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Optimal conditions of its use should be determined by end users.

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