



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number               | ARP53443_P050-HRP                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Page                 | <a href="http://www.avivasysbio.com/eif5-antibody-n-terminal-region-hrp-arp53443-p050-hrp.html">www.avivasysbio.com/eif5-antibody-n-terminal-region-hrp-arp53443-p050-hrp.html</a>                                                                                                                                                                                                                                                   |
| Name                         | EIF5 Antibody - N-terminal region : HRP (ARP53443_P050-HRP)                                                                                                                                                                                                                                                                                                                                                                          |
| Protein Size (# AA)          | 431 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight             | 49kDa                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugation                  | HRP: Horseradish Peroxidase                                                                                                                                                                                                                                                                                                                                                                                                          |
| NCBI Gene Id                 | 1983                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Host                         | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Full Name               | Eukaryotic translation initiation factor 5                                                                                                                                                                                                                                                                                                                                                                                           |
| Alias Symbols                | EIF-5, EIF-5A                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Peptide Sequence             | Synthetic peptide located within the following region:<br><a href="#">SVNVNRSVSDQFYRYKMPRLIAKVEGKGNGIKTVIVNMVDVAKALNRPT</a>                                                                                                                                                                                                                                                                                                          |
| Product Format               | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.                                                                                                                                                                                                                                                                                                                                  |
| Reference                    | Olsen,J.V., (2006) Cell 127 (3), 635-648                                                                                                                                                                                                                                                                                                                                                                                             |
| Description of Target        | EIF5 catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex (40S.mRNA.Met-tRNA[F].eIF-2.GTP) with the subsequent joining of a 60S ribosomal subunit resulting in the release of eIF-2 and the guanine nucleotide. The subsequent joining of a 60S ribosomal subunit results in the formation of a functional 80S initiation complex (80S.mRNA.Met-tRNA[F]).                                                   |
| Protein Interactions         | DUSP12; HUWE1; UBC; TUBB; UBFD1; SCLY; ISOC1; MAT2B; FERMT2; YWHAQ; STK24; YWHAZ; YWHAH; YWHAH; EIF4H; VCL; SNRPD1; PCYT2; PFAS; PDHB; PAFAH1B1; HSPA9; HNRNPK; GNAI3; GLA; G6PD; DFFA; TBCB; CAPNS1; ALDH7A1; LMNA; PUM1; NRG1; FN1; EIF3B; RPL29; APP; Nedd4;                                                                                                                                                                      |
| 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-EIF5 (ARP53443_P050-HRP) antibody</a>                                                                                                                                                                                                                                                                                                                                                       |
| Blocking Peptide             | For anti-EIF5 (ARP53443_P050-HRP) antibody is <a href="#">Catalog # AAP53443</a> (Previous Catalog # AAPP31966)                                                                                                                                                                                                                                                                                                                      |
| Immunogen                    | The immunogen is a synthetic peptide directed towards the N terminal region of human EIF5                                                                                                                                                                                                                                                                                                                                            |
| Uniprot ID                   | <a href="#">P55010</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Name                 | Eukaryotic translation initiation factor 5                                                                                                                                                                                                                                                                                                                                                                                           |
| Sample Type Confirmation     | There is BioGPS gene expression data showing that EIF5 is expressed in HeLa                                                                                                                                                                                                                                                                                                                                                          |
| Protein Accession #          | <a href="#">NP_892116</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification                 | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Nucleotide Accession #       | <a href="#">NM_183004</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                  | <a href="#">EIF5</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish                                                                                                                                                                                                                                                                                                                                                                    |
| Application                  | WB                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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