



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                                 | ARP53701_P050-FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product Page                                   | <a href="http://www.avivasysbio.com/socs7-antibody-n-terminal-region-fitc-arp53701-p050-fitc.html">www.avivasysbio.com/socs7-antibody-n-terminal-region-fitc-arp53701-p050-fitc.html</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Name                                           | SOCS7 Antibody - N-terminal region : FITC (ARP53701_P050-FITC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Size (# AA)                            | 331 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molecular Weight                               | 36kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Conjugation                                    | FITC: Fluorescein Isothiocyanate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| NCBI Gene Id                                   | 30837                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Full Name                                 | suppressor of cytokine signaling 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alias Symbols                                  | NAP4, NCKAP4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">GSAGRELDAGRKPKLTRTQSAFSPVSFSPFLTGETVSLVDVDISQRGLTS</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Description of Target                          | SOCS7 regulates signaling cascades probably through protein ubiquitination and/or sequestration. It functions in insulin signaling and glucose homeostasis through IRS1 ubiquitination and subsequent proteasomal degradation. It inhibits also prolactin, growth hormone and leptin signaling by preventing STAT3 and STAT5 activation, sequestering them in the cytoplasm and reducing their binding to DNA. SOCS7 may be a substrate recognition component of a SCF-like E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. |
| Protein Interactions                           | SEPT6; SORBS3; STAT5A; STAT3; CUL5; IRS4; PIK3R2; TUBB4B; TUBA1A; IRS2; NCK1; PLCG1; PIK3R1; EGFR; GRB2;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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-SOCS7 (ARP53701_P050-FITC) antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Blocking Peptide                               | For anti-SOCS7 (ARP53701_P050-FITC) antibody is <a href="#">Catalog # AAP53701</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N-terminal region of Human SOCS7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Uniprot ID                                     | <a href="#">O14512-2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Protein Name                                   | Suppressor of cytokine signaling 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purification                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                                    | <a href="#">SOCS7</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 92%; Guinea Pig: 83%; Horse: 100%; Human: 100%; Mouse: 85%; Pig: 92%; Rabbit: 100%; Rat: 92%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Image 1**



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.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)