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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

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Product Number	ARP53700_P050-Biotin
Product Page	www.avivasysbio.com/socs7-antibody-n-terminal-region-biotin-arp53700-p050-biotin.html
Name	SOCS7 Antibody - N-terminal region : Biotin (ARP53700_P050-Biotin)
Protein Size (# AA)	581 amino acids
Molecular Weight	64kDa
Conjugation	Biotin
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: LDPKALPPGLALERTWGPAAGLEAQLAALGLGQPAGPGVKTVGGGCCPCP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Kremer,B.E., (2007) Cell 130 (5), 837-850
Description of Target	SOCS7 regulates signaling cascades probably through protein ubiquitination and/or sequestration. SOCS7 functions in insulin signaling and glucose homeostasis through IRS1 ubiquitination and subsequent proteasomal degradation. SOCS7 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 anti-SOCS7 (ARP53700_P050-Biotin) antibody
Blocking Peptide	For anti-SOCS7 (ARP53700_P050-Biotin) antibody is Catalog # AAP53700 (Previous Catalog # AAPP30542)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SOCS7
Uniprot ID	O14512
Protein Name	Suppressor of cytokine signaling 7
Sample Type Confirmation	SOCS7 is supported by BioGPS gene expression data to be expressed in OVCAR3
Protein Accession #	NP_055413
Purification	Affinity Purified
Nucleotide Accession #	NM_014598
Gene Symbol	SOCS7
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Pig, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Image 1	

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

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.