

Rabbit SOCS3 Antibody | anti-SOCS3 antibody

Rabbit anti SOCS-3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71412	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

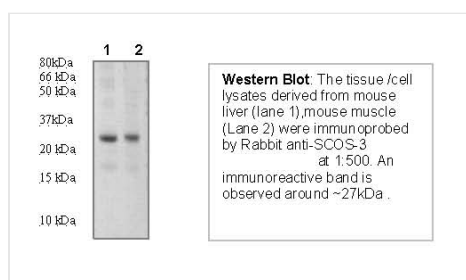
PRODUCT SYNONYMS

SOCS3; Rabbit anti SOCS-3 antibody; Rabbit anti-SOCS-3; Suppressor of Cytokine Signaling 3 (SOCS3); CIS3; anti-SOCS3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody recognizes ~27 kDa of SOCS-3 protein from human and mouse origins. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer.
Concentration	Size: 100 ug/200 ul (varies by lot)
Applicable Applications for anti-SOCS3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide corresponding to the C-terminus of SOCS-3 protein from human, mouse and rat origins.
Positive Control	Mouse liver lysate
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C-8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-SOCS3 antibody	Cytokines induce a variety of biological responses by binding to specific cell surface receptors and activating cytoplasmic signal transduction pathways which are suppressed by other transcriptional factors. Proteins that mediate these signals from the cell surface to the nucleus include JAKs and STATs, while SOCS (Suppressor of cytokine signaling) proteins inhibit those signaling. The SOCS family comprises at least 8 members, SOCS1 to SOCS7 and CIS (cytokine inducible SH2 containing protein). Structurally, the SOCS proteins are composed of an N terminal region of variable length and amino acid composition, a central SH2 domain, and a previously unrecognized C terminal motif named the SOCS box. SOCS 3 regulates fetal liver hematopoiesis. It is also involved in a broad spectrum of cytokines, such as IL-2, IL-3, IL-4, IL-6, Epo, Prolactin, and GH.
References	Selinda J. Orr, et al. SOCS3 Targets Siglec 7 for Proteasomal Degradation and Blocks Siglec 7-mediated Responses. J. Biol. Chem., Feb 2007; 282: 3418 - 3422.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439352
NCBI GeneID	9021
NCBI Accession #	NP_003946.3
NCBI GenBank Nucleotide #	NM_003955.3
UniProt Accession #	O14543; O14509; Q5U0H7; Q6FI39
Molecular Weight	27 kDa
NCBI Official Full Name	suppressor of cytokine signaling 3
NCBI Official Synonym Full Names	suppressor of cytokine signaling 3
NCBI Official Symbol	SOCS3
NCBI Official Synonym Symbols	CIS3; SSI3; ATOD4; Cish3; SSI-3; SOCS-3; MGC71791
NCBI Protein Information	suppressor of cytokine signaling 3; CIS-3; STAT-induced STAT inhibitor 3; cytokine-induced SH2 protein 3; cytokine-inducible SH2 protein 3
UniProt Protein Name	Suppressor of cytokine signaling 3
UniProt Gene Name	SOCS3
UniProt Synonym Gene Names	CIS3; SSI3
UniProt Entry Name	SOCS3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.