

Rabbit SOCS2 Antibody | anti-SOCS2 antibody

Rabbit anti SOCS-2 antibody

CATALOG # AAA71411	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Chicken, Bovine, Dog	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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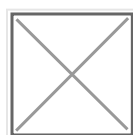
PRODUCT SYNONYMS

SOCS2; Rabbit anti SOCS-2 antibody; Rabbit anti-SOCS-2; Suppressor of Cytokine Signaling 2 (SOCS2); anti-SOCS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Bovine, Dog
Specificity	This antibody recognizes ~23 kDa of SOCS-2 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-SOCS2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide corresponding to the C-terminus of SOCS-2 protein from human, mouse and rat origins.
Positive Control	Mouse muscle 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-SOCS2 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 2 is considered to regulate postnatal growth, such as GH/IGF-1 pathway.
References	Bhakta R. Dey, et al. Interaction of Human Suppressor of Cytokine Signaling (SOCS)-2 with the Insulin-like Growth Factor-I Receptor J. Biol. Chem., Sep 1998; 273: 24095 - 24101

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507263
NCBI GeneID	8835
NCBI Accession #	NP_003868.1
NCBI GenBank Nucleotide #	NM_003877.3
UniProt Accession #	O14508; O14542; O95102; Q9UKS5
Molecular Weight	23 kDa
NCBI Official Full Name	suppressor of cytokine signaling 2
NCBI Official Synonym Full Names	suppressor of cytokine signaling 2
NCBI Official Symbol	SOCS2
NCBI Official Synonym Symbols	CIS2; SSI2; Cish2; SSI-2; SOCS-2; STATI2
NCBI Protein Information	suppressor of cytokine signaling 2; CIS-2; STAT induced STAT inhibitor-2; STAT-induced STAT inhibitor 2; STAT-induced STAT inhibitor-2; cytokine-inducible SH2 protein 2; suppressor of cytokine signaling-2
UniProt Protein Name	Suppressor of cytokine signaling 2
UniProt Gene Name	SOCS2
UniProt Synonym Gene Names	CIS2; SSI2; STATI2
UniProt Entry Name	SOCS2_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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-bovine-chicken-dog-human-mouse-ovine-rat-antibody/socs2/71411>