

Rabbit SOCS2 Polyclonal Antibody | anti-SOCS2 antibody

SOCS2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201198	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	Western Blot

PRODUCT SYNONYMS

SOCS2; Polyclonal Antibody; SOCS2 antibody - C-terminal region; anti-SOCS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: KQ FDSVVHLIDY YVQMCKDKRT GPEAPRNGTV HLYLT KPLYT SAPSLQHL
Sequence Length	198
Applicable Applications for anti-SOCS2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-SOCS2 Antibody Titration: 1.0 ug/ml Positive Control: U937 Whole Cell


WB (Western Blot)

Lanes: Lane 1: 50ug Mouse adipose lysate Primary Antibody Dilution: 1:1000 Secondary Antibody: Donkey anti-Rabbit-HRP Secondary Antibody Dilution: 1:10000 Gene Name: SOCS2 Submitted by: Libin Liu, Boston University.

ADDITIONAL INFORMATION

Related Product Information for anti-SOCS2 antibody

This is a rabbit polyclonal antibody against SOCS2. It was validated on Western Blot

Target Description: This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by a subset of cytokines, including erythropoietin, GM-CSF, IL10 and interferon (IFN)-gamma. The protein encoded by this gene is found to interact with the cytoplasmic domain of insulin-like growth factor-1 receptor (IGF1R), and thus is thought to be involved in the regulation of IGF1R mediated cell signaling. Knockout studies in mice also suggested a regulatory role of this gene in IGF-1 related growth control.

Product Categories/Family for anti-SOCS2 antibody

Polyclonal; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507263
NCBI GeneID	8835
NCBI Accession #	NP_003868
NCBI GenBank Nucleotide #	NM_003877
UniProt Accession #	O14508
Molecular Weight	22kDa
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
UniProt Protein Name	Suppressor of cytokine signaling 2
UniProt Gene Name	SOCS2
UniProt Synonym Gene Names	CIS2; SSI2; STATI2; SOCS-2; CIS-2; SSI-2
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/polyclonal/socs2-antibody-western-blot-elisa/201198>