

Rabbit anti-Human SOCS3 Monoclonal Antibody | anti-SOCS3 antibody

SOCS3 Rabbit mAb

CATALOG # AAA282921	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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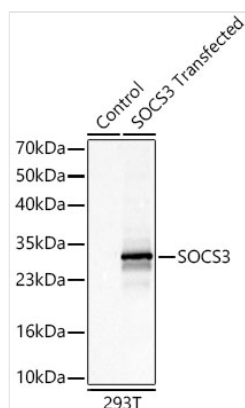
PRODUCT SYNONYMS

SOCS3; Monoclonal Antibody; SOCS3 Rabbit mAb; CIS3; SSI3; ATOD4; Cish3; SSI-3; SOCS-3; anti-SOCS3 antibody

PRODUCT SPECIFICATIONS

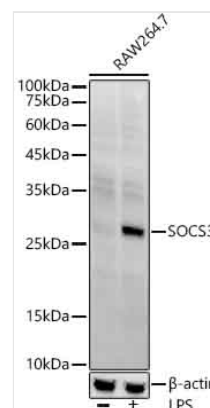
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	HYMPPPGAPS FPSPTPESS EVPEQPSAQP LPGSPRRAY YIYSGGEKIP LVLSRPLSSN VATLQHLCRK TVNGHLDSYE KVTQLPGPIR EFLDQYDAPL
Applicable Applications for anti-SOCS3 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 126-225 of human SOCS3 (NP_003946.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and 293T cells transfected with SOCS3 using SOCS3 Rabbit mAb (AAA282921) at 1:1000 dilution incubated overnight at 4°. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



WB (Western Blot)

Western blot analysis of various lysates using SOCS3 Rabbit mAb (AAA282921) at 1:2000 dilution incubated overnight at 4°. RAW264.7 cells were treated by LPS (1 ug/ml) at 37° for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-SOCS3 antibody	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 is induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of this gene suggested the roles of this gene in the negative regulation of fetal liver hematopoiesis, and placental development.
Product Categories/Family for anti-SOCS3 antibody	Epigenetics Nuclear Signaling; Cancer; Signal Transduction; Cell Biology Developmental Biology; Apoptosis; Ubiquitin; Ubiquitin-Proteasome Signaling Pathway; Endocrine Metabolism; Insulin Receptor Signaling Pathway; Endocrine and metabolic diseases; Obesi

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439352
NCBI GeneID	9021
NCBI Accession #	NP_003946.3
NCBI GenBank Nucleotide #	NM_003955.4
UniProt Accession #	O14543; O14509
Molecular Weight	Calculated MW: 25kDa Observed MW: 28kDa
UniProt Protein Name	Suppressor of cytokine signaling 3
UniProt Gene Name	SOCS3
UniProt Synonym Gene Names	CIS3; SSI3; SOCS-3; CIS-3; SSI-3
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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/socs3-antibody-western-blot-elisa/282921>