

Rabbit SOCS3 Polyclonal Antibody | anti-SOCS3 antibody

Anti-SOCS3 antibody

CATALOG # AAA44981	HOST Rabbit	REACTIVITY Reactes with: Human Predict to work with: Mouse	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	--	---

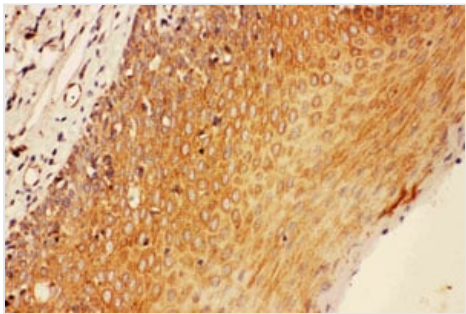
PRODUCT SYNONYMS

SOCS3; Polyclonal Antibody; Anti-SOCS3 antibody; Suppressor of cytokine signaling 3(SOCS-3); suppressor of cytokine signaling 3; ATOD4 antibody; CIS 3 antibody; CIS-3 antibody; CIS3 antibody; Cish3 antibody; Cytokine induced SH2 protein 3 antibody; Cytokine-inducible SH2 protein 3 antibody; E2a Pbx1 target gene in fibroblasts 10 antibody; EF 10 antibody; MGC71791 antibody; SOCS 3 antibody; SOCS-3 antibody; Socs3 antibody; SOCS3_HUMAN antibody; SSI 3 antibody; SSI-3 antibody; SSI3 antibody; STAT induced STAT inhibitor 3 antibody; STAT-induced STAT inhibitor 3 antibody; Suppressor of cytokine signaling 3 antibody; anti-SOCS3 antibody

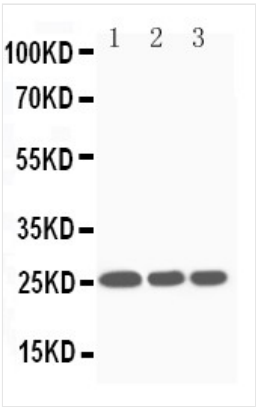
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reactes with: Human Predict to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	225
Applicable Applications for anti-SOCS3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SOCS3 (71-85aa RDSSDQRHFFTLVK), identical to the related mouse sequence, different from the related rat sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-SOCS3 antibody, AAA44981, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti-SOCS3 antibody, AAA44981, Western blottingLane 1: JURKAT Cell LysateLane 2: CEM Cell LysateLane 3: RAJI Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SOCS3 antibody	Description: Rabbit IgG polyclonal antibody for Suppressor of cytokine signaling 3(SOCS3) detection. Tested with WB, IHC-P in Human, Mouse. Background: SOCS3(Suppressor of cytokine signaling 3) is a protein that in humans is encoded by the SOCS3 gene. SOCS3 is transiently expressed by multiple cell lineages within the immune system and functions predominantly as a negative regulator of cytokines that activate the JAK-STAT3 pathway. 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. For signaling of IL-6, Epo, GCSF and Leptin, binding of SOCS3 to the respective cytokine receptor has been found to be crucial for the inhibitory function of SOCS3. 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.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	20178094
NCBI GeneID	9021
UniProt Accession #	O14543; O14509
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
NCBI Protein Information	suppressor of cytokine signaling 3; STAT-induced STAT inhibitor 3; cytokine-inducible SH2 protein 3
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.