

Rabbit SOCS1 Polyclonal Antibody | anti-SOCS1 antibody

Anti-SOCS1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254497	Rabbit	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

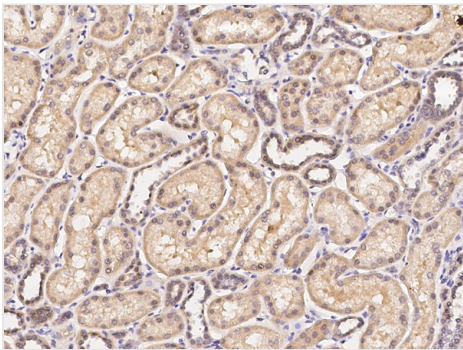
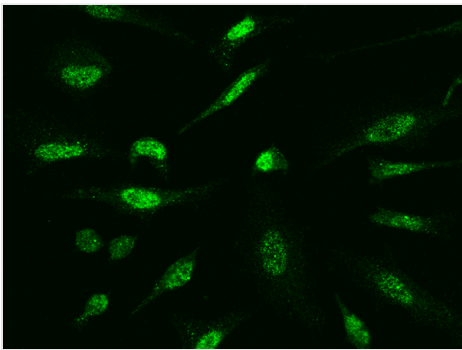
PRODUCT SYNONYMS

SOCS1; Polyclonal Antibody; Anti-SOCS1 Antibody; Rabbit Polyclonal; SOCS1 Antibody; Rabbit PAb; Antigen Affinity Purified; suppressor of cytokine signaling 1; Anti-CIS1 Antibody; Anti-CISH1 Antibody; Anti-JAB Antibody; Anti-SOCS-1 Antibody; Anti-SSI-1 Antibody; Anti-SSI1 Antibody; Anti-TIP3 Antibody; anti-SOCS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SOCS1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SOCS1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human SOCS1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human SOCS1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of SOCS1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human SOCS1 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.

IHC (Immunohistochemistry)
Immunochemical staining of human SOCS1 in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-SOCS1 antibody	Suppressor of cytokine signaling1 (SOCS1) is a widely recognized tumor suppressor gene. Silencing of SOCS1 expression as a result of promoter methylation is associated with occurrence and development of solid tumors such as liver, cervical and pancreatic cancer. Downregulation of suppressor of cytokine signalling-1 (SOCS1) is one of the vital reasons for JAK1-STAT3 pathway activation in acute myeloid leukaemia (AML). The DCs transduced with SOCS1 gene exhibit as DCregs through negative regulation of JAK2/STAT1 pathway and ameliorated lipopolysaccharide/d-galactosamine induced acute liver failure via inhibition of TLR4 pathway.
Product Categories/Family for anti-SOCS1 antibody	Jak-Stat Signaling Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507233
NCBI GeneID	8651
NCBI Accession #	NP_003736.1
NCBI GenBank Nucleotide #	NM_003745.1
UniProt Accession #	O15524; O15097; Q9NSA7
Molecular Weight	211
NCBI Official Full Name	suppressor of cytokine signaling 1
NCBI Official Synonym Full Names	suppressor of cytokine signaling 1
NCBI Official Symbol	SOCS1
NCBI Official Synonym Symbols	JAB; CIS1; SSI1; TIP3; CISH1; SSI-1; SOCS-1
NCBI Protein Information	suppressor of cytokine signaling 1; TIP-3; JAK binding protein; JAK-binding protein; Tec-interacting protein 3; STAT induced SH3 protein 1; STAT-induced STAT inhibitor 1; cytokine-inducible SH2 protein 1
UniProt Protein Name	Suppressor of cytokine signaling 1
UniProt Gene Name	SOCS1
UniProt Synonym Gene Names	SSI1; TIP3; SOCS-1; JAB; SSI-1; TIP-3
UniProt Entry Name	SOCS1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/socs1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254497>