Rabbit anti-Human SOCS4 Polyclonal Antibody | anti-SOCS4 antibody

Anti-SOCS4 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254498	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry**

PRODUCT SYNONYMS

SOCS4; Polyclonal Antibody; Anti-SOCS4 Antibody; Rabbit Polyclonal; SOCS4 Antibody; Rabbit PAb; Antigen Affinity Purified; suppressor of cytokine signaling 4; Anti-SOCS7 Antibody; anti-SOCS4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SOCS4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SOCS4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human SOCS4
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human SOCS4, 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

IHC (Immunohistochemistry)
Immunochemical staining of human SOCS4 in human adrenal gland with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

IHC (Immunohistochemisry)
Immunochemical staining of human SOCS4 in human pancreas with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

IHC (Immunohiostchemistry)
Immunochemical staining of human SOCS4 in human stomach with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

IF (Immunofluorescence)
Immunofluorescence staining of SOCS4 in HeLa cells. Cells were fixed with 4% PFA,blocked with 10% serum, and incubated with rabbit anti-human SOCS4 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.

ADDITIONAL INFORMATION

Related Product Information for anti-SOCS4 antibody	Suppressor of cytokine signaling (SOCS) proteins are key regulators of innate and adaptive immunity. Mice lacking functional SOCS4 are hypersusceptible to primary infection with influenza A virus (IAV), displaying dysregulated pro-inflammatory cytokine and chemokine production in the lungs, delayed viral clearance and impaired trafficking of influenza-specific CD8(+) T cells to the site of infection. SOCS4 is a known inhibitor of epidermal growth factor (EGF) receptor signalling, and functional studies demonstrated specific upregulation of EGF-dependent immune stimulation in affected family members.
Product Categories/Family for anti-SOCS4 antibody	Jak-Stat Signaling Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	18254466
NCBI GeneID	122809
NCBI Accession #	NP_543143.1
NCBI GenBank Nucleotide #	NM_080867.2
UniProt Accession #	Q8WXH5
Molecular Weight	50,623 Da
NCBI Official Full Name	suppressor of cytokine signaling 4
NCBI Official Synonym Full Names	suppressor of cytokine signaling 4
NCBI Official Symbol	SOCS4
NCBI Official Synonym Symbols	SOCS7
NCBI Protein Information	suppressor of cytokine signaling 4
UniProt Protein Name	Suppressor of cytokine signaling 4
UniProt Gene Name	**SOCS4**
UniProt Synonym Gene Names	SOCS7; SOCS-4; SOCS-7
UniProt Entry Name	SOCS4_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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