

Anti-SOCS1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

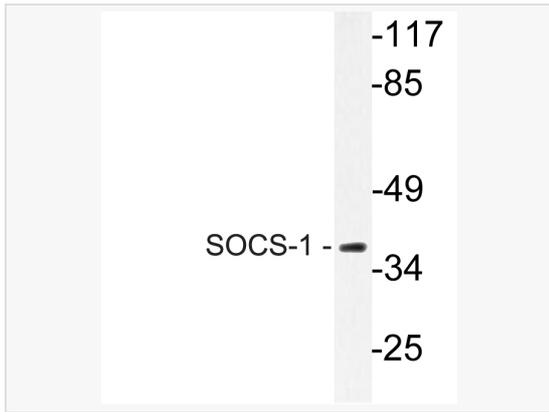
Catalog # P010481

Product Information

Application	IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ELISA, ICC/IF (Cell), WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human SOCS-1.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SOCS1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	SOCS1, SSI1, TIP3, Suppressor of cytokine signaling 1, SOCS-1, JAK-binding protein, JAB, STAT-induced STAT inhibitor 1, SSI-1, Tec-interacting protein 3, TIP-3.
Calculated MW	Calculated MW: 24 kDa; Observed MW: 38 kDa
Uniprot ID	O15524
Gene ID	8651
Background	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 IL2, IL3 erythropoietin (EPO), CSF2/GM-CSF, and interferon (IFN)-gamma. The protein encoded by this gene functions downstream of cytokine receptors, and takes part in a negative feedback loop to attenuate cytokine signaling. Knockout studies in mice suggested the role of this gene as a modulator of IFN-gamma action, which is required for normal postnatal growth and survival.



Western blot analysis of SOCS1 in Jurkat lysates using SOCS1 antibody.