



SOCS-1 rabbit pAb

Cat#: orb766351 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	SOCS-1 rabbit pAb
Host species	Rabbit
Applications	IF;WB;IHC;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	IF: 1:50-200 WB 1:500-2000, ELISA 1:10000-20000 IHC 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human SOCS-1. AA range:49-98
Specificity	SOCS-1 Polyclonal Antibody detects endogenous levels of SOCS-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Suppressor of cytokine signaling 1
Gene Name	SOCS1
Cellular localization	Nucleus . Cytoplasmic vesicle . Detected in perinuclear cytoplasmic vesicles upon interaction with FGFR3.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Clonality	Polyclonal



Concentration	1 mg/ml
Observed band	38kD
Human Gene ID	8651
Human Swiss-Prot Number	015524
Alternative Names	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
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. [provided by RefSeq, Jul 2008],