

## SOCS-1 rabbit pAb

## Cat No.:ES3476

For research use only

## Overview

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 $^\circ\!\mathrm{C}$ . 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	



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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],



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