



SOCS-3 rabbit pAb

Cat No.:ES8666

For research use only

Overview

Product Name	SOCS-3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000.IHC-p:1:50-300. Not yet tested in other applications.
Immunogen	Synthetic peptide from human protein at AA range: 20-70
Specificity	The antibody detects endogenous SOCS-3
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 3 (SOCS-3) (Cytokine-inducible SH2 protein 3) (CIS-3) (STAT-induced STAT inhibitor 3) (SSI-3)
Gene Name	SOCS3 CIS3 SSI3
Cellular localization	intracellular,cytoplasm,cytosol,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	9021
Human Swiss-Prot Number	O14543
Alternative Names	Suppressor of cytokine signaling 3 (SOCS-3;Cytokine-inducible SH2 protein 3;CIS-3;STAT-induced STAT inhibitor 3;SSI-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 is





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induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of this gene suggested the roles of this gene in the negative regulation of fetal liver hematopoiesis, and placental development. [provided by RefSeq, Jul 2008],



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