
Product Name: SOCS1 Rabbit Polyclonal Antibody**Catalog #: APRab03838**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 24 kDa; Observed MW: 38 kDa

Antigen Information

Gene Name	SOCS1
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
Gene ID	8651
SwissProt ID	O15524
Immunogen	

Background

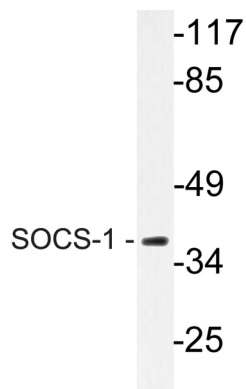
This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS),

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.

Research Area

Signal Transduction

Image Data



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