

SOCS1

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW:24kDa

Observed MW:Refer to figures

Immunogen:

A synthetic peptide of human SOCS1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

JAB; CIS1; SSI1; TIP3; CISH1; SSI-1; SOCS-1;

Catalog #:A7754

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:8651

Isotype:IgG

Swiss Prot:O15524

Purity:Affinity purification

For research use only.

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.

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