

## 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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