
SOCS-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250862

Unit: 0.1 mg

Description:

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS1 is involved in negative regulation of cytokines that signal through the JAK/STAT3 pathway. Through binding to JAKs it inhibits their kinase activity. In vitro, they also suppresses Tec protein-tyrosine activity. SOCS1 appears to be a major regulator of interleukin 6 (IL6) and leukemia inhibitory factor (LIF) signaling. SOCS-1 regulates interferon-gamma mediated sensory neuron survival. It is also implicated, through SOCS box binding, in ubiquitin-dependent protein degradation. There is high expression in thymus, and lower expression in lung and spleen.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Socs 1; SOCS-1; Suppressor of cytokine signaling 1; JAK-binding protein; JAB; STAT-induced STAT inhibitor 1; SSI-1; Tec-interacting protein 3; SOCS1

Accession No.: O15524

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SOCS-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.