

SOCS-3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250863

Unit: 0.1 mg

Description:

Suppressor of cytokine signaling (SOCS) family proteins are involved in a negative feedback system that regulates cytokine signal transduction. SOCS-3 is involved in negative regulation of cytokines through the JAK/STAT signaling pathway by binding to tyrosine kinase receptors including gp130, LIF, erythropoietin, insulin, IL-12, GCSF and leptin receptors. Genetic variation in the promoter region of SOCS-3 is associated with susceptibility to atopic dermatitis 4 (eczema).

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

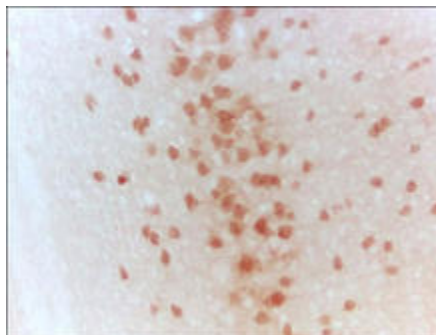
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Suppressor of cytokine signaling 3; SOCS-3; Cytokine-inducible SH2 protein 3; CIS-3; STAT-induced STAT inhibitor 3; SSI-3; SOCS3; CIS3; SSI3

Accession No.: O14543

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human SOCS-3.

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



SOCS-3 staining in mouse hippocampus. Paraffin-embedded mouse hippocampus is stained with SOCS-3 Antibody (Cat. No. 250863) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Van den Brand B. et al. 2013. Arthritis Rheum. 65(3): 671-680. PMID# 23203851 [2] Van de Loo F et al. 2012. Arthritis Rheum. 64(10): 3313-3323. PMID# 22576756

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