

A17034

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SOCS2 Rabbit pAb

Catalog No.: A17034

Basic Information

Observed MW

Refer to figures

Calculated MW

22kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Background

This gene encodes a member of the suppressor of cytokine signaling (SOCS) family. SOCS family members are cytokine-inducible negative regulators of cytokine receptor signaling via the Janus kinase/signal transducer and activation of transcription pathway (the JAK/STAT pathway). SOCS family proteins interact with major molecules of signaling complexes to block further signal transduction, in part, by proteasomal depletion of receptors or signal-transducing proteins via ubiquitination. The expression of this gene can be induced by a subset of cytokines, including erythropoietin, GM-CSF, IL10, interferon (IFN)-gamma and by cytokine receptors such as growth hormone receptor. The protein encoded by this gene interacts with the cytoplasmic domain of insulin-like growth factor-1 receptor (IGF1R) and is thought to be involved in the regulation of IGF1R mediated cell signaling. This gene has pseudogenes on chromosomes 20 and 22. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

8835

Swiss Prot

O14508

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-198 of human SOCS2 (NP_001257400.1).

Synonyms

CIS2; SSI2; Cish2; SSI-2; SOCS-2; STATI2; SOCS2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.