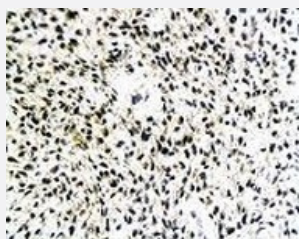


SOCS1 polyclonal antibody

Catalog # PAB19568

Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical staining of human liver tissue section with SOCS1 polyclonal antibody (Cat # PAB19568).

Specification

Product Description Rabbit polyclonal antibody raised against synthetic protein of SOCS1.

Immunogen Synthetic protein corresponding to human SOCS1.

Host Rabbit

Reactivity Human, Mouse, Rat

Form Lyophilized

Purification Protein G purification

Recommend Usage ELISA (1-2 ug/mL)
Western Blot (2-10 ug/mL)
Immunohistochemistry (2-10 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer Lyophilized from PBS.

Storage Instruction Store at -20°C on dry atmosphere.
After reconstitution with deionized water, store at 4°C for one month. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

- Immunohistochemistry

Immunohistochemical staining of human liver tissue section with SOCS1 polyclonal antibody (Cat # PAB19568).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SOCS1

Entrez GeneID [8651](#)

Protein Accession# [O15524](#)

Gene Name SOCS1

Gene Alias CIS1, CISH1, JAB, SOCS-1, SSI-1, SSI1, TIP3

Gene Description suppressor of cytokine signaling 1

Omim ID [603597](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations JAK binding protein|STAT induced SH3 protein 1|Tec-interacting protein 3|cytokine-inducible SH2 protein 1

Pathway

- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)

- [Type II diabetes mellitus](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Insulin Resistance](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)

- [Osteoporosis](#)