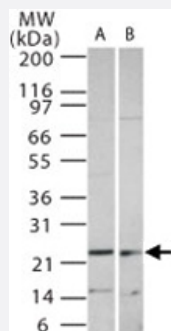


SOCS1 polyclonal antibody

Catalog # PAB0214

Size 200 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of SOCS1. Using SOCS1 polyclonal antibody (Cat # PAB0214) at 1 : 1000 dilution against 15 ug/lane of Ramos (A) and Raw (B) cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SOCS1.
Immunogen	A synthetic peptide corresponding to human SOCS1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of SOCS1. Using SOCS1 polyclonal antibody (Cat # PAB0214) at 1 : 1000 dilution against 15 ug/lane of Ramos (A) and Raw (B) cell lysate.

Gene Info — SOCS1

Entrez GeneID	8651
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

Publication Reference

- [SARS-CoV nucleocapsid protein induced apoptosis of COS-1 mediated by the mitochondrial pathway.](#)

Zhang L, Wei L, Jiang D, Wang J, Cong X, Fei R.

Artificial Cells, Blood Substitutes, and Immobilization Biotechnology 2007 Jan; 35(2):237.

- [Inhibitors of cathepsin L prevent severe acute respiratory syndrome coronavirus entry.](#)

Simmons G, Gosalia DN, Rennekamp AJ, Reeves JD, Diamond SL, Bates P.

PNAS 2005 Aug; 102(33):11876.

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](#)