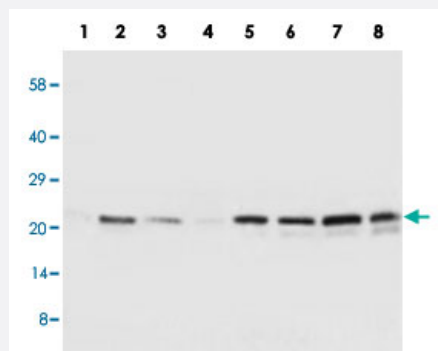


SOCS2 polyclonal antibody

Catalog # PAB19114 Size 100 ug

Applications



Western Blot

Western blot analysis of tissue and whole cell extracts with SOCS2 polyclonal antibody (Cat # PAB19114).

Lane 1 : rat brain. Lane 2 : rat liver. Lane 3 : rat spleen. Lane 4 : rat lung.
Lane 5 : MCF-7. Lane 6 : HeLa. Lane 7 : SMMC. Lane 8 : HT1080.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SOCS2.
Immunogen	A synthetic peptide corresponding to C-terminus of human SOCS2.
Host	Rabbit
Reactivity	Human, Rat
Form	Lyophilized
Purification	Immunoaffinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — SOCS2

Entrez GeneID	8835
Gene Name	SOCS2
Gene Alias	CIS2, Cish2, SOCS-2, SSI-2, SSi2, STAT2
Gene Description	suppressor of cytokine signaling 2
Omim ID	605117
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 erythropoietin, GM-CSF, IL10 and interferon (IFN)-gamma. The protein encoded by this gene is found to interact with the cytoplasmic domain of insulin-like growth factor-1 receptor (IGF1R), and thus is thought to be involved in the regulation of IGF1R mediated cell signaling. Knockout studies in mice also suggested a regulatory role of this gene in IGF-1 related growth control. [provided by RefSeq]
Other Designations	STAT induced STAT inhibitor-2 cytokine-inducible SH2 protein 2 suppressor of cytokine signaling -2

Pathway

• [Insulin signaling pathway](#)

- [Jak-STAT signaling pathway](#)
- [Type II diabetes mellitus](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Infant](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Respiratory Syncytial Virus Infections](#)