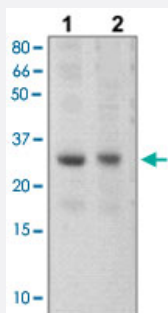


SOCS3 polyclonal antibody

Catalog # PAB12780

Size 100 ug

Applications



Western Blot (Tissue lysate)

The tissue lysates derived from mouse liver (Lane 1), mouse muscle (Lane 2) were immunoprobed by SOCS3 polyclonal antibody (Cat # PAB12780) at 1 : 500. An immunoreactive band is observed around ~27kDa.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SOCS3.
Immunogen	A synthetic peptide corresponding to C-terminus of human, mouse and rat SOCS3.
Host	Rabbit
Theoretical MW (kDa)	27
Reactivity	Human, Mouse
Specificity	This antibody recognizes ~27 KDa of SOCS3.
Form	Liquid
Recommend Usage	Western Blot (0.1-1 ug/mL) ELISA (0.01-0.1 ug/mL) Immunoprecipitation (2-5 ug/mL) Immunohistochemistry (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (BSA, 10% Proclin300)

Storage Instruction

Store at 4°C. For long term storage store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

The tissue lysates derived from mouse liver (Lane 1), mouse muscle (Lane 2) were immunoprobed by SOCS3 polyclonal antibody (Cat # PAB12780) at 1 : 500. An immunoreactive band is observed around ~27kDa.

- Immunohistochemistry

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SOCS3

Entrez GeneID[9021](#)**Gene Name**

SOCS3

Gene Alias

ATOD4, CIS3, Cish3, MGC71791, SOCS-3, SSI-3, SSI3

Gene Description

suppressor of cytokine signaling 3

Omim ID[604176 605805](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

STAT induced STAT inhibitor 3|cytokine-induced SH2 protein 3

Gene Info — Socs3

Entrez GeneID[12702](#)**Gene Name**

Socs3

Gene Alias

CIS3, Cish3, EF-10, SOCS-3, SSI-3

Gene Description

suppressor of cytokine signaling 3

Gene Ontology[Hyperlink](#)

Other Designations

E2a-Pbx1 target gene in fibroblasts 10|OTTMUSP00000003963|STAT-induced STAT inhibitor 3|
cytokine inducible SH2-containing protein 3|cytokine-inducible SH2 protein 3

Gene Info — Socs3

Entrez GeneID

[89829](#)

Gene Name

Socs3

Gene Alias

Cish3, Socs-3, Ssi-3

Gene Description

suppressor of cytokine signaling 3

Gene Ontology

[Hyperlink](#)

Other Designations

cytokine inducible SH2-containing protein 3

Publication Reference

- [SOCS3 targets Siglec 7 for proteasomal degradation and blocks Siglec 7-mediated responses.](#)

Orr SJ, Morgan NM, Buick RJ, Boyd CR, Elliott J, Burrows JF, Jefferies CA, Crocker PR, Johnston JA.

The Journal of Biological Chemistry 2007 Feb; 282(6):3418.

Application: IP, WB, Mouse, Ba/F3 cells, MEFs

Pathway

- [Adipocytokine signaling pathway](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Type II diabetes mellitus](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Anorexia Nervosa](#)

- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Bronchiolitis](#)
- [Bulimia](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Infant](#)
- [Insulin Resistance](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Obesity](#)
- [Respiratory Syncytial Virus Infections](#)