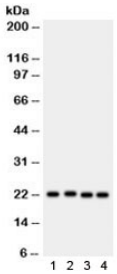
SOCS2 Antibody (R31798)

Catalog No.	Formulation	Size
R31798	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	O14508
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This SOCS2 antibody is available for research use only.



Western blot testing of 1) rat PC12, human 2) SW620, 3) HeLa and 4) MCF7 lysate with SOCS2 antibody. Expected/observed molecular weight: 22 kDa.

Description

Suppressor of cytokine signaling 2 is a protein that in humans is encoded by the SOCS2 gene. This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signalling (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-gamma (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. By cytogenetic and radiation hybrid mapping, Yandava et al. (1999) mapped the SOCS2 gene to chromosome 12q21.3-q23.

Application Notes

Optimal dilution of the SOCS2 antibody should be determined by the researcher.

Immunogen

Amino acids 96-198 of human SOCS2 were used as the immunogen for the SOCS2 antibody.

Storage

After reconstitution, the SOCS2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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