

SOCS1 Rabbit Polyclonal Antibody

Catalog No: #55318

Package Size: #55318-1 50ul #55318-2 100ul

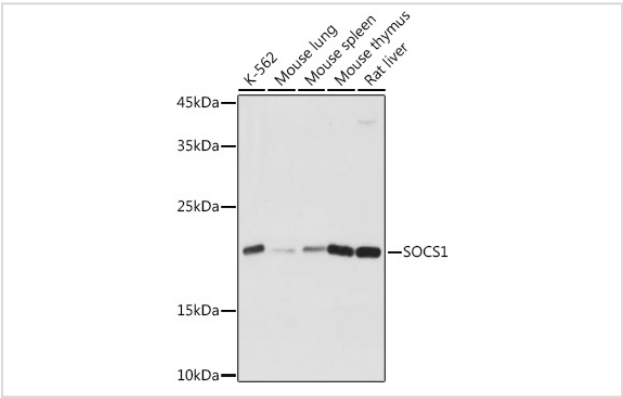
Description

Product Name	SOCS1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human SOCS1 (NP_003736.1).
Conjugates	Unconjugated
Other Names	SOCS1;CIS1;CISH1;JAB;SOCS-1;SSI-1;SSI1;TIP3;TIP-3
Accession No.	Uniprot:O15524GenelD:8651
Calculated MW	23kDa
SDS-PAGE MW	23KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

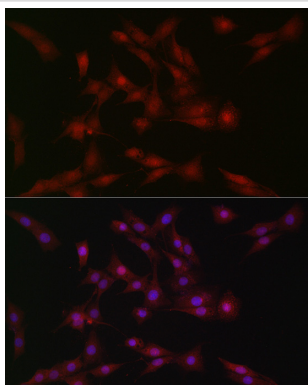
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

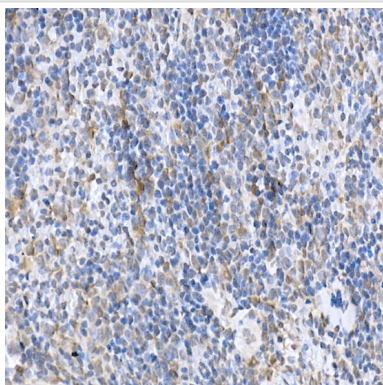
Images



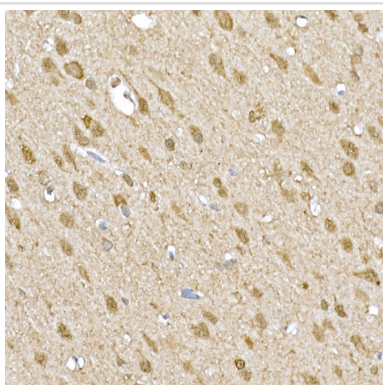
Western blot analysis of extracts of various cell lines, using SOCS1 antibody.



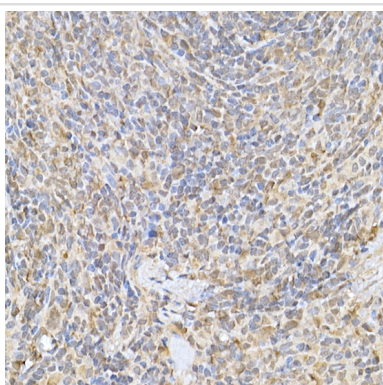
Immunofluorescence analysis of PC-12 cells using SOCS1 Rabbit pAb.



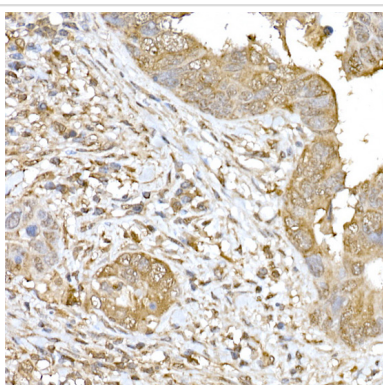
Immunohistochemistry of paraffin-embedded mouse spleen using SOCS1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat brain using SOCS1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat spleen using SOCS1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded human colon carcinoma using SOCS1 Rabbit pAb.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.