

SOCS1 Polyclonal Antibody

Catalog Number:E-AB-15855

Note: Centrifuge before opening to ensure complete recovery of vial contents.

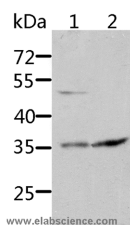
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthetic peptide of human SOCS1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

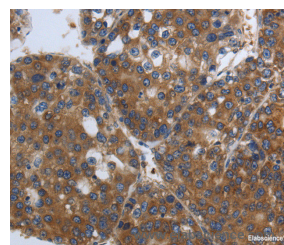
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300

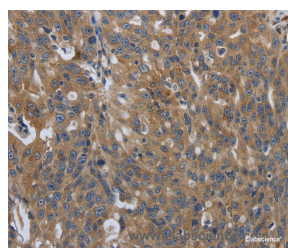
Data



Western Blot analysis of HT-29 and 231 cell using SOCS1 Polyclonal Antibody at dilution of 1:1700
Calculated Mw:24kDa



Immunohistochemistry of paraffin-embedded Human liver cancer using SOCS1 Polyclonal Antibody at dilution of 1:90



Immunohistochemistry of paraffin-embedded Human ovarian cancer using SOCS1 Polyclonal Antibody at dilution of 1:90

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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

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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.

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