

SOCS1 Polyclonal Antibody

Catalog Number:E-AB-12648

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

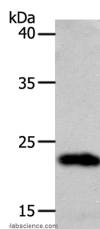
Description

| | |
|---------------------|---|
| 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 |

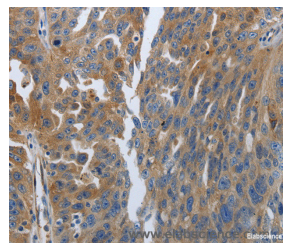
Applications Recommended Dilution

| | |
|------------|---------------|
| WB | 1:1000-1:5000 |
| IHC | 1:50-1:200 |

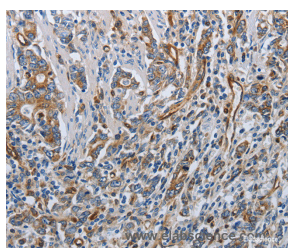
Data



Western Blot analysis of 231 cell using SOCS1 Polyclonal Antibody at dilution of 1:1300
Calculated Mw:24kDa



Immunohistochemistry of paraffin-embedded Human ovarian cancer using SOCS1 Polyclonal Antibody at dilution of 1:70



Immunohistochemistry of paraffin-embedded Human gastric cancer using SOCS1 Polyclonal Antibody at dilution of 1:70

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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