

SOCS1 Polyclonal Antibody

catalog number: E-AB-70245

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

Description

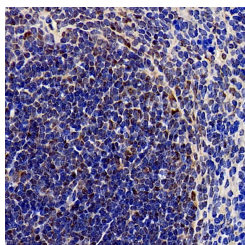
Reactivity	Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse SOCS1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

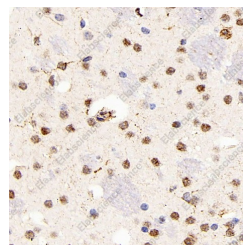
Recommended Dilution

IHC	1:200-1:800
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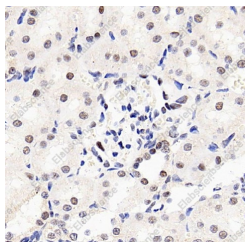
Data



Immunohistochemistry analysis of paraffin-embedded mouse spleen using SOCS1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded mouse brain using SOCS1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded rat kidney using SOCS1 Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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Rev. V1.7

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.