

## CISH

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**28kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human CISH

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CIS; G18; SOCS; CIS-1; BACTS2;

**Catalog #:**A6286

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1154

**Isotype:**IgG

**Swiss Prot:**Q9NSE2

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene contains a SH2 domain and a SOCS box domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (SSI), protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by IL2, IL3, GM-CSF and EPO in hematopoietic cells. Proteasome-mediated degradation of this protein has been shown to be involved in the inactivation of the erythropoietin receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

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