

Cish antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13459**Specification**

Cish antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q62225
Other Accession	NM_009895 , NP_034025
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28kDa KDa

Cish antibody - N-terminal region - Additional Information**Gene ID** 12700**Alias Symbol** AI385595, CIS1, Cis, F17, F23**Other Names**

Cytokine-inducible SH2-containing protein, CIS, CIS-1, Suppressor of cytokine signaling, SOCS, Cish, Cis

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Cish antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Cish antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Cish antibody - N-terminal region - Protein Information**Name** Cish**Synonyms** Cis**Function**

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. CIS is involved in the negative regulation of cytokines that signal through the JAK-STAT5 pathway such as erythropoietin, prolactin and interleukin 3 (IL3) receptor. Inhibits STAT5 trans-activation by suppressing its tyrosine phosphorylation. May be a substrate-recognition

component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity).

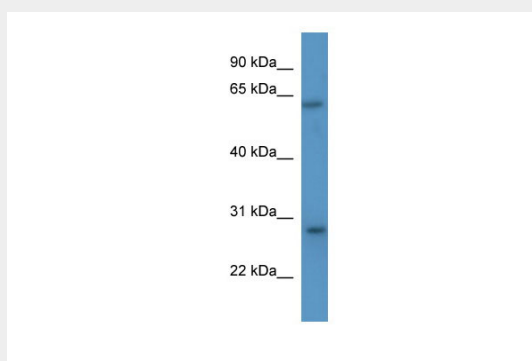
Tissue Location

Expressed in kidney, lung and liver. Detected to a lower extent in stomach and heart

Cish antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cish antibody - N-terminal region - Images

WB Suggested Anti-Cish Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Mouse Heart

Cish antibody - N-terminal region - References

Yoshimura A., et al. EMBO J. 14:2816-2826(1995).

Carninci P., et al. Science 309:1559-1563(2005).

Matsumoto A., et al. Blood 89:3148-3154(1997).