

Cish antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13459

Product Information

Application	WB
Primary Accession	Q62225
Other Accession	NM_009895 , NP_034025
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28537

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.

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

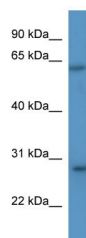
References

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).

Images



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

ELISA Titer: 1:62500

Positive Control: Mouse Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.