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anti-CISH antibody (AA 17-130)

2 Images



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Overview

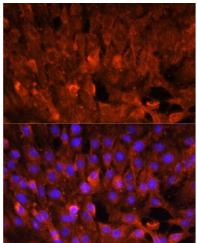
Quantity:	100 μL
Target:	CISH
Binding Specificity:	AA 17-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CISH antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	CISH Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 17-130 of human CISH (NP_659508.1).
Sequence:	TGQRPLWAPS LELPKPVMQP LPAGAFLEEV AEGTPAQTES EPKVLDPEED LLCIAKTFSY LRESGWYWGS ITASEARQHL QKMPEGTFLV RDSTHPSYLF TLSVKTTRGP TNVR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CISH
Alternative Name:	CISH (CISH Products)
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.,CISH,BACTS2,CIS,CIS-1,G18,SOCS,Epigenetics & Nuclear Signaling,Signal Transduction,Immunology & Inflammation,IL-6 Receptor Signaling Pathway,CISH
Molecular Weight:	28kDa/29kDa/30kDa
Gene ID:	1154
UniProt:	Q9NSE2
Pathways:	JAK-STAT Signaling, Response to Growth Hormone Stimulus
Application Details	
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



70kDa— 55kDa— 40kDa— 35kDa— 25kDa—

15kDa-

Immunofluorescence

Image 1. Immunofluorescence analysis of C6 cells using CISH antibody (ABIN7266663) at dilution of 1:100. Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of 293T cells, using CISH antibody (ABIN7266663) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.