

Datasheet for ABIN6138639
anti-CISH antibody (AA 1-257)



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1 Image

Overview

Quantity:	100 µL
Target:	CISH
Binding Specificity:	AA 1-257
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CISH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-257 of human CISH (NP_659508.1).
Sequence:	MVLCVQGPRP LLAVERTGQR PLWAPSLELP KPVMQPLPAG AFLEEVAEGT PAQTESEPKV LDPEEDLLCI AKTFSYLRES GWYWGSITAS EARQHLQKMP EGTFLVRDST HPSYLFTLSV KTRRGPTNVR IEYADSSFRL DSNCLSRPRI LAFPDVVS LV QHYVASCTAD TRSDSPDPAP TPALPMPKED APSDPALPAP PPATAVHLKL VQPFVRRSSA RSLQHLCLRV INRLVADVDC LPLPRRMADY LRQYPFQ
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

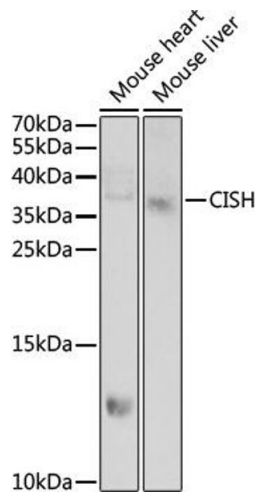
Target:	CISH
Alternative Name:	CISH (CISH Products)
Background:	<p>The protein encoded by this gene contains a SH2 domain and a SOCS box domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (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</p>
Molecular Weight:	28 kDa/29 kDa/30 kDa
Gene ID:	1154
UniProt:	Q9NSE2
Pathways:	JAK-STAT Signaling , Response to Growth Hormone Stimulus

Application Details

Application Notes:	WB,1:500 - 1:2000
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CISH antibody at 1:1000 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 Enhanced Kit (RM00021). Exposure time: 60s.