

Datasheet for ABIN2785100
anti-CISH antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CISH
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Cow, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CISH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	RESGWYWGSI TASEARQHLQ KMPEGTFLVR DSTHPSYLFT LSVKTTRGPT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Cish. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CISH
Alternative Name:	Cish (CISH Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: AI385595, CIS1, Cis, F17, F23</p> <p>Protein Interaction Partner: GHR, Socs2, Lepr, Epor, Prkcq, Prkcb, Prkca, Ubc, Abl1, Cul5, TCEB2, TCEB1, Stat5a,</p> <p>Protein Size: 257</p>
Molecular Weight:	28 kDa
Gene ID:	12700
NCBI Accession:	NM_009895 , NP_034025
UniProt:	Q62225
Pathways:	JAK-STAT Signaling , Response to Growth Hormone Stimulus

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 257 AA
Restrictions:	For Research Use only

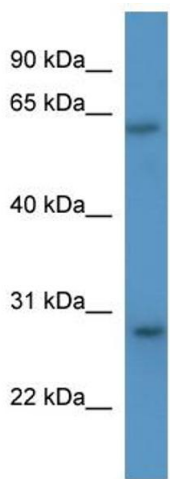
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-Cish Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Mouse Heart



Rabbit Anti-Cish Antibody
Catalog Number: ARP52798
Lot Number: QC29192
Lane: Mouse Heart Lysate

Antibody Titration: 1.0 µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-Cish

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:2500

Positive Control: Mouse Heart