# -online.com antibodies

# Datasheet for ABIN2781919 anti-CISD2 antibody (N-Term)

Image



#### Overview

Quantity:	100 μL
Target:	CISD2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CISD2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CISD2
Sequence:	VLESVARIVK VQLPAYLKRL PVPESITGFA RLTVSEWLRL LPFLGVLALL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 82%
Characteristics:	This is a rabbit polyclonal antibody against CISD2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	CISD2

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2781919 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

### Target Details

Alternative Name:	CISD2 (CISD2 Products)
Background:	CISD2 is a zinc finger protein that localizes to the endoplasmic reticulum. It binds an iron/sulfur
	cluster and may be involved in calcium homeostasis. Defects in this gene are a cause of
	Wolfram syndrome 2 (WFS2).
	Alias Symbols: ERIS, Miner1, WFS2, ZCD2, NAF-1
	Protein Interaction Partner: UBC, LMNA, APP, SPP1, BCL2, ELAVL1,
	Protein Size: 135
Molecular Weight:	15 kDa
Gene ID:	493856
NCBI Accession:	NM_001008388, NP_001008389
UniProt:	Q8N5K1
Pathways:	Activation of Innate immune Response

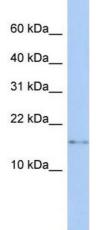
## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 135 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.
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.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2781919 | 09/11/2023 | Copyright antibodies-online. All rights reserved.



#### Western Blotting

**Image 1.** WB Suggested Anti-CISD2 Antibody Titration: 0.2-1 ug/ml Positive Control: Transfected 293T

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2781919 | 09/11/2023 | Copyright antibodies-online. All rights reserved.