

Rabbit CISD1 Polyclonal Antibody | anti-CISD1 antibody

CISD1 Antibody - C-terminal region

CATALOG # AAA201345	HOST Rabbit	REACTIVITY Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CISD1; Polyclonal Antibody; CISD1 Antibody - C-terminal region; anti-CISD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PK IVHAFDMEDL GDKAVYCRCW RSKKFPFCDG AHTKHNEETG DNVGPLII
Sequence Length	108
Applicable Applications for anti-CISD1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Goat: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CISD1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CISD1 Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell


WB (Western Blot)

Host: Rabbit Target Name: CISD1 Sample Tissue: Human HepG2 Whole Cell Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CISD1 antibody

This is a rabbit polyclonal antibody against CISD1. It was validated on Western Blot

Target Description: This gene encodes a protein with a CDGSH iron-sulfur domain and has been shown to bind a redox-active [2Fe-2S] cluster. The encoded protein has been localized to the outer membrane of mitochondria and is thought to play a role in regulation of oxidation. Genes encoding similar proteins are located on chromosomes 4 and 17, and a pseudogene of this gene is located on chromosome 2.

Product Categories/Family for anti-CISD1 antibody

[Polyclonal](#); [Membrane Protein](#); [Mitochondria](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923930
NCBI GeneID	55847
NCBI Accession #	NP_060934
NCBI GenBank Nucleotide #	NM_018464
UniProt Accession #	Q9NZ45
Molecular Weight	12kDa
NCBI Official Full Name	CDGSH iron-sulfur domain-containing protein 1
NCBI Official Synonym Full Names	CDGSH iron sulfur domain 1
NCBI Official Symbol	CISD1
NCBI Official Synonym Symbols	ZCD1; MDS029; C10orf70; mitoNEET
NCBI Protein Information	CDGSH iron-sulfur domain-containing protein 1
UniProt Protein Name	CDGSH iron-sulfur domain-containing protein 1
UniProt Gene Name	CISD1
UniProt Synonym Gene Names	C10orf70; ZCD1
UniProt Entry Name	CISD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cisd1-antibody-western-blot-elisa/201345>