

Rabbit anti-Human CISD1 Polyclonal Antibody | anti-CISD1 antibody

Anti-CISD1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258527	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

CISD1; Polyclonal Antibody; Anti-CISD1 Antibody; Rabbit Polyclonal; CISD1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-C10orf70 Antibody; Anti-MDS029 Antibody; Anti-mitoNEET Antibody; Anti-ZCD1 Antibody; CDGSH iron sulfur domain 1; anti-CISD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CISD1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CISD1 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Conjugation	Unconjugated
Immunogen	Recombinant Human CISD1 Protein;
Preparation	Produced in rabbits immunized with purified, recombinant Human CISD1 (rh CISD1;NP_060934.1; Lys32-Thr108). CISD1 specific IgG was purified by Human CISD1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

CISD1 was immunoprecipitated using: Lane A:0.5 mg HepG2 Whole Cell Lysate 4 uL anti-CISD1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti- CISD1 rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 12kDa Observed band size :15 kDa



WB (Western Blot)

Anti-CISD1 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:12 kDa Observed band size: kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CISD1 antibody	Mitochondrial dysfunction is thought to play a significant role in neurodegeneration observed in Parkinson's disease (PD), the loss of mitoNEET (CISD1), an iron-sulfur containing protein that regulates mitochondrial bioenergetics, results in mitochondrial dysfunction and loss of striatal dopamine and tyrosine hydroxylase. CDGSH iron sulfur domain 1 (CISD1, also termed mitoNEET), an iron-containing outer mitochondrial membrane protein, negatively regulates ferroptotic cancer cell death. At the cellular level, CISD1 gene expression increased during human adipocyte differentiation in correlation with adipogenic genes. Thus it is a possible role of CISD1 in obesity-associated dysfunctional adipogenesis in human VAT.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8923930
NCBI GeneID	55847
NCBI Accession #	NP_060934.1
NCBI GenBank Nucleotide #	NM_018464.4
UniProt Accession #	Q9NZ45; Q1X902
Molecular Weight	12,199 Da
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; CDGSH iron sulfur domain-containing protein 1; zinc finger CDGSH-type domain 1; zinc finger, CDGSH-type domain 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-immunoprecipitation-western-blot-elisa/258527>