

Rabbit anti-Human CISD2 Polyclonal Antibody | anti-CISD2 antibody

CISD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229866	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CISD2; Polyclonal Antibody; CISD2 Antibody; CDGSH iron-sulfur domain-containing protein 2; Endoplasmic reticulum intermembrane small protein; MitoNEET-related 1 protein; Miner1; Nutrient-deprivation autophagy factor-1; NAF-1; CDGSH2; ERIS; ZCD2; anti-CISD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	135
Applicable Applications for anti-CISD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human CDGSH iron-sulfur domain-containing protein 2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



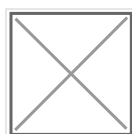
WB (Western Blot)

Western BlotPositive WB detected in:Hela whole cell lysate,HepG2 whole cell lysate,Mouse spleen tissue,Mouse lung tissue,Mouse kidney tissue,Mouse brain tissueAll lanes: CISD2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 16 kDaObserved band size: 16 kDa



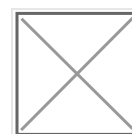
IHC (Immunohistochemistry)

Immunofluorescent analysis of Hela cells using AAA229866 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA229866 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA229866 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CISD2 antibody	Regulator of autophagy that contributes to antagonize BECN1-mediated cellular autophagy at the endoplasmic reticulum. Participates in the interaction of BCL2 with BECN1 and is required for BCL2-mediated depression of endoplasmic reticulum Ca(2+) stores during autophagy. Contributes to BIK-initiated autophagy, while it is not involved in BIK-dependent activation of caspases. Involved in life span control, probably via its function as regulator of autophagy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56605994
NCBI GeneID	493856
NCBI Accession #	NP_001008389.1
NCBI GenBank Nucleotide #	NM_001008388.4
UniProt Accession #	Q8N5K1; Q7Z3D5
Molecular Weight	15,278 Da
NCBI Official Full Name	CDGSH iron-sulfur domain-containing protein 2
NCBI Official Synonym Full Names	CDGSH iron sulfur domain 2
NCBI Official Symbol	CISD2
NCBI Official Synonym Symbols	ERIS; WFS2; ZCD2; NAF-1; Miner1
NCBI Protein Information	CDGSH iron-sulfur domain-containing protein 2
UniProt Protein Name	CDGSH iron-sulfur domain-containing protein 2
UniProt Gene Name	CISD2
UniProt Synonym Gene Names	CDGSH2; ERIS; ZCD2; Miner1; NAF-1
UniProt Entry Name	CISD2_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/cisd2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/229866>