

For Research Use Only

CISD2 Recombinant antibody

Catalog Number: 82802-10-RR



Basic Information

Catalog Number: 82802-10-RR	GenBank Accession Number: BC032300	Purification Method: Protein A purification
Size: 100ul , Concentration: 250 µg/ml by Nanodrop;	GeneID (NCBI): 493856	CloneNo.: 6H13
Source: Rabbit	Full Name: CDGSH iron sulfur domain 2	Recommended Dilutions: WB 1:1000-1:5000
Isotype: IgG	Calculated MW: 135 aa, 15 kDa	
Immunogen Catalog Number: AG4172	Observed MW: 15 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Positive Controls:

WB : HepG2 cells, HuH-7 cells, LO2 cells, K-562 cells

Background Information

CISD2 gene encodes a 15 kDa CDGSH iron-sulfur domain-containing protein 2, which is also named Miner1 or NAF-1, this protein was reported on endoplasmic reticulum membrane or mitochondrion outer membrane. Defects in CISD2 are the cause of Wolfram syndrome type 2 (WFS2), a rare disorder characterized by juvenile-onset insulin-dependent diabetes mellitus with optic atrophy. CISD2 regulates autophagy program by interacting BCL2, contributing to antagonize BECN1-mediated cellular autophagy at the endoplasmic reticulum.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

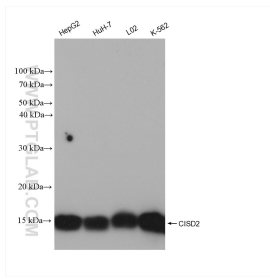
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82802-10-RR (CISD2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.