

For Research Use Only

CISD2 Recombinant antibody, PBS Only



Catalog Number: 82802-10-PBS

Basic Information

Catalog Number: 82802-10-PBS	GenBank Accession Number: BC032300	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 493856	CloneNo.: 6H13
Source: Rabbit	UNIPROT ID: Q8N5K1	
Isotype: IgG	Full Name: CDGSH iron sulfur domain 2	
Immunogen Catalog Number: AG4172	Calculated MW: 135 aa, 15 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human

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 -80°C.

Storage Buffer:
PBS Only

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

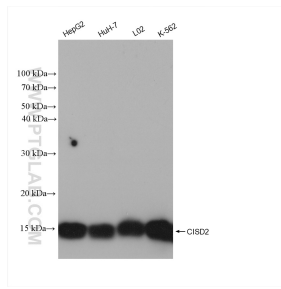
T: 4006900926

E: Proteintech-CN@ptglab.com

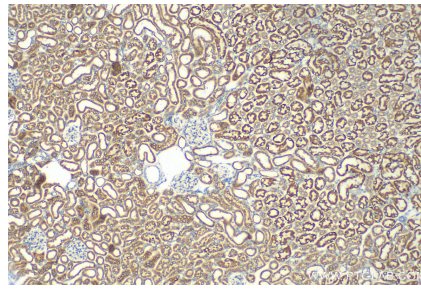
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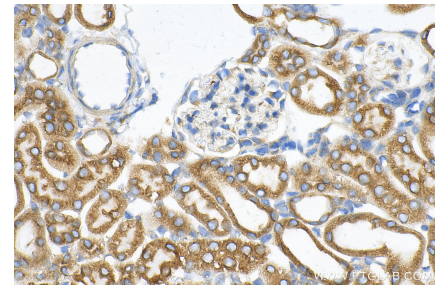
Selected Validation Data



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. This data was developed using the same antibody clone with 82802-10-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 82802-10-RR (CISD2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82802-10-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 82802-10-RR (CISD2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82802-10-PBS in a different storage buffer formulation.