

For Research Use Only

PYROXD2 Polyclonal antibody

Catalog Number: 21845-1-AP



Basic Information

Catalog Number: 21845-1-AP	GenBank Accession Number: BC006131	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 ug/ml by Nanodrop;	GeneID (NCBI): 84795	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8N2H3	
Isotype: IgG	Full Name: chromosome 10 open reading frame 33	
Immunogen Catalog Number: AG15004	Calculated MW: 581 aa, 63 kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A375 cells, HEK-293T cells, L02 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse liver tissue, rat liver tissue

Background Information

Pyridine Nucleotide-Disulfide Oxidoreductase Domain 2 (PYROXD2, previously called YueF, C10orf33) is a mitochondrial inner membrane/matrix-residing protein and is reported to regulate mitochondrial function. PYROXD2 is highly expressed in the cytoplasm of normal cells and tissues but is expressed at lower levels in corresponding cancer cells, including liver, lung and renal cell carcinoma and bladder cancer cells (PMID: 29048625, PMID: 35606887).

Storage

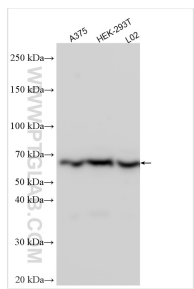
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

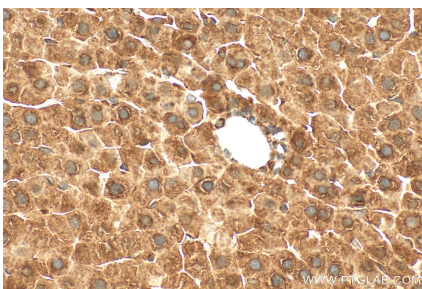
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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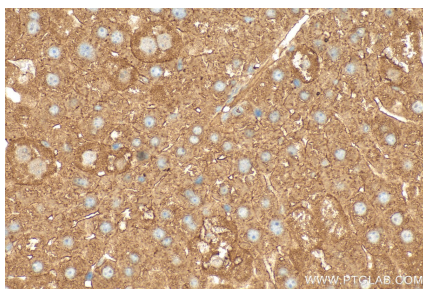
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21845-1-AP (PYROXD2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 21845-1-AP (PYROXD2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 21845-1-AP (PYROXD2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).