

For Research Use Only

PDXDC1 Polyclonal antibody

Catalog Number: 21021-1-AP **2 Publications**



Basic Information

Catalog Number: 21021-1-AP	GenBank Accession Number: BC033748	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 393 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23042	Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: pyridoxal-dependent decarboxylase domain containing 1	IHC 1:50-1:500 IF 1:10-1:100
Isotype: IgG	Calculated MW: 788 aa, 87 kDa	
Immunogen Catalog Number: AG15283	Observed MW: 87 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB : HEK-293 cells, mouse testis tissue, HeLa cells, SGC-7901 cells, rat testis tissue
Species Specificity: human, mouse, rat	IP : HepG2 cells,
Cited Species: mouse	IHC : human hepatocirrhosis tissue, human testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF : HepG2 cells, Hela cells

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Yu-Qian Song	35314877	J Mol Med (Berl)	IHC
Jonas Weiß	37594630	Cell Mol Life Sci	WB

Storage

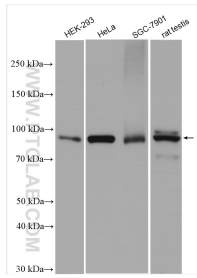
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

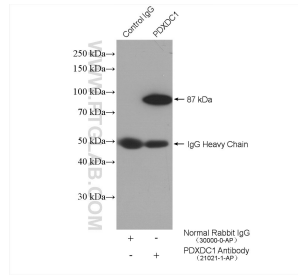
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

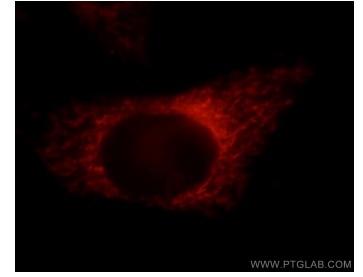
Selected Validation Data



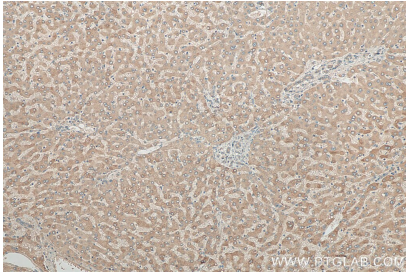
Various lysates were subjected to SDS PAGE followed by western blot with 21021-1-AP (PDXDC1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



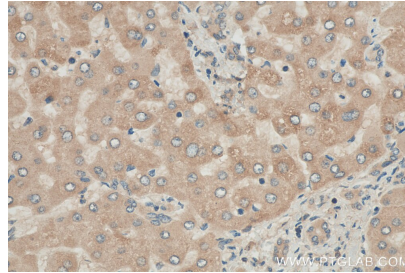
IP result of anti-PDXDC1 (IP:21021-1-AP, 4ug; Detection:21021-1-AP 1:500) with HepG2 cells lysate 1680 ug.



Immunofluorescent analysis of HepG2 cells, using PDXDC1 antibody 21021-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 21021-1-AP (PDXDC1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 21021-1-AP (PDXDC1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).