

For Research Use Only

PNPO Polyclonal antibody

Catalog Number: 15552-1-AP **1 Publications**



Basic Information

Catalog Number: 15552-1-AP	GenBank Accession Number: BC006525	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 553 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55163	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: pyridoxamine 5'-phosphate oxidase	IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG	Calculated MW: 30 kDa	
Immunogen Catalog Number: AG7914	Observed MW: 30 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB: MCF-7 cells, human brain tissue, human heart tissue, human liver tissue, mouse brain tissue, rat brain tissue IP: MCF-7 cells, IHC: human liver tissue, IF: HeLa cells,
Cited Applications: IHC	
Species Specificity: human, mouse, rat	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Lingyun Zhang	35127701	Front Cell Dev Biol	IHC

Storage

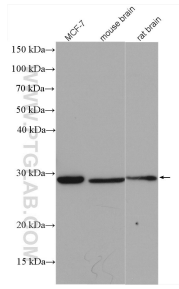
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

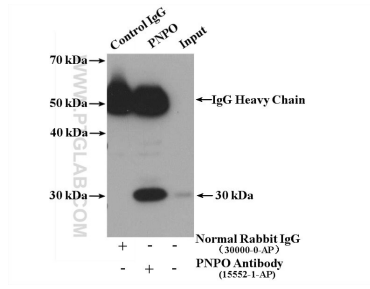
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

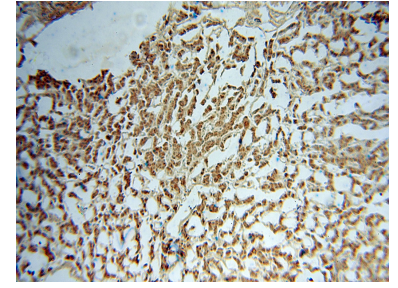
Selected Validation Data



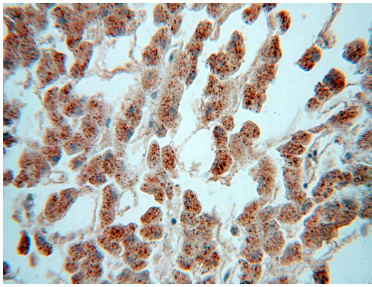
Various lysates were subjected to SDS PAGE followed by western blot with 15552-1-AP (PNPO antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



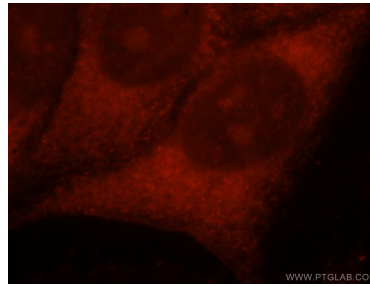
IP result of anti-PNPO (IP:15552-1-AP, 4ug; Detection:15552-1-AP 1:500) with MCF-7 cells lysate 3200 ug.



Immunohistochemical analysis of paraffin-embedded human liver using 15552-1-AP (PNPO antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 15552-1-AP (PNPO antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using PNPO antibody 15552-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).