

For Research Use Only

# PNPO Polyclonal antibody

Catalog Number: 15552-1-AP

5 Publications



## Basic Information

### Catalog Number:

15552-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 553 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7914

### GenBank Accession Number:

BC006525

### GeneID (NCBI):

55163

### UNIPROT ID:

Q9NVS9

### Full Name:

pyridoxamine 5'-phosphate oxidase

### Calculated MW:

30 kDa

### Observed MW:

30 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

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

### 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/ICC:** Hela cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Lingyun Zhang	35127701	Front Cell Dev Biol	IHC
Zhendong Deng	39656865	Adv Sci (Weinh)	WB,IHC
T B Baum	39229012	bioRxiv	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

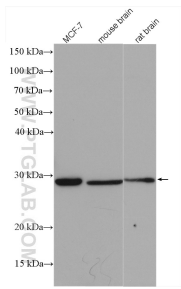
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

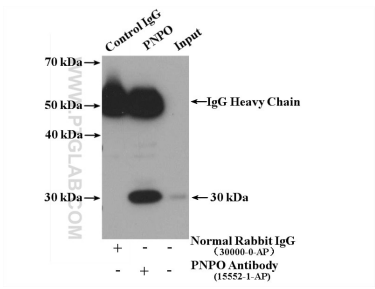
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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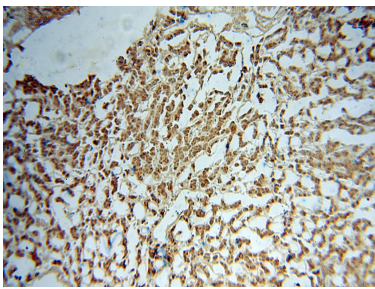
Selected Validation Data



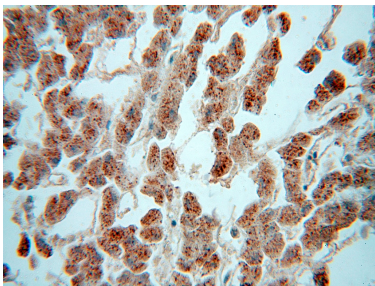
Various lysates were subjected to SDS PAGE followed by western blot with 15552-1-AP (PNPO antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



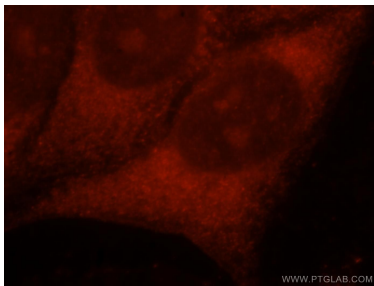
IP result of anti-PNPO (IP:15552-1-AP, 4ug; Detection:15552-1-AP 1:500) with MCF-7 cells lysate 3200 ug.



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).