

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

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,

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

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

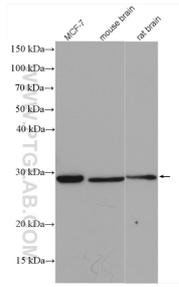
For technical support and original validation data for this product please contact:

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

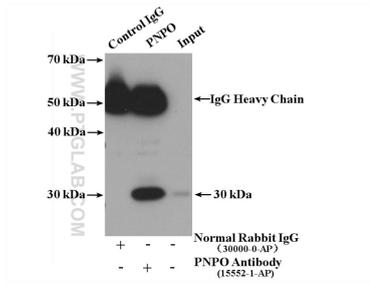
E: proteintech@ptglab.com
W: ptglab.com

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

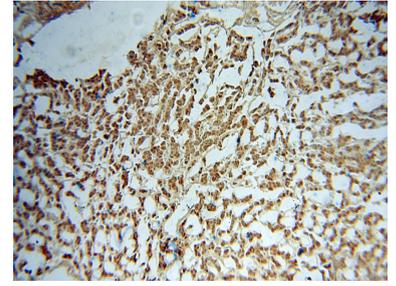
Selected Validation Data



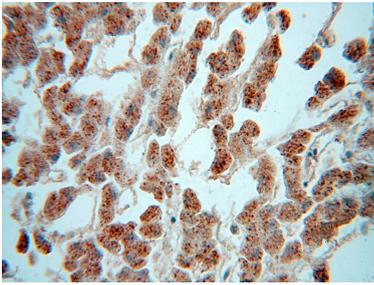
Various lysates were subjected to SDS PAGE followed by western blot with 15552-1-AP (PNPO antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



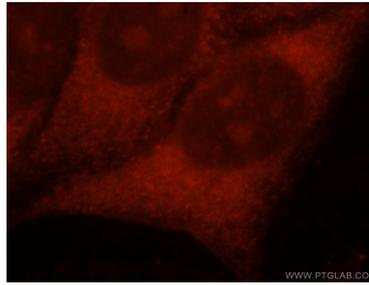
IP result of anti-PNPO (IP:15552-1-AP, 4ug; Detection:15552-1-AP 1:500) with MCF-7 cells lysate 3200 ug.



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).