

For Research Use Only

GMPPA Polyclonal antibody

Catalog Number: 15517-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

15517-1-AP

Size:

150ul, Concentration: 240 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7789

GenBank Accession Number:

BC007456

GeneID (NCBI):

29926

UNIPROT ID:

Q96IJ6

Full Name:

GDP-mannose pyrophosphorylase A

Calculated MW:

46 kDa

Observed MW:

46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB

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 : HEK-293 cells, HepG2 cells, Jurkat cells

IP : HEK-293 cells,

IHC : human stomach cancer tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Patricia Franzka	36313076	Front Nutr	WB
Norio Sasaoka	30529953	iScience	WB
Patricia Franzka	34124155	Front Mol Biosci	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

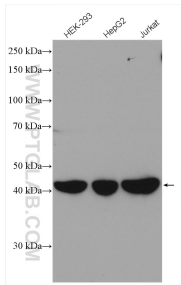
For technical support and original validation data for this product please contact:

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

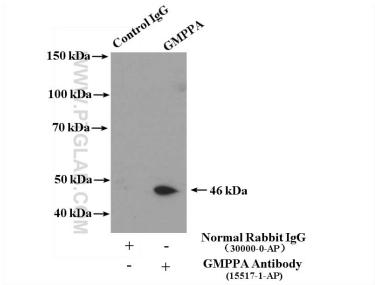
E: proteintech@ptglab.com
W: ptglab.com

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

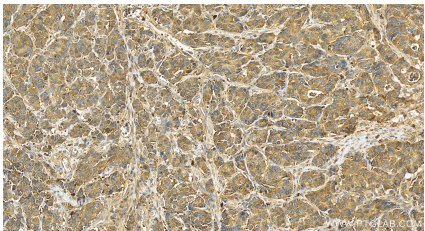
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15517-1-AP (GMPPA antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP result of anti-GMPPA (IP:15517-1-AP, 4ug; Detection:15517-1-AP 1:500) with HEK-293 cells lysate 2600ug.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 15517-1-AP (GMPPA antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).