

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:**

Q961J6

**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

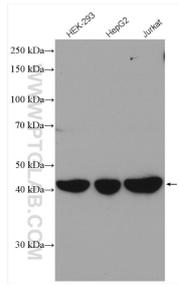
For technical support and original validation data for this product please contact:

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

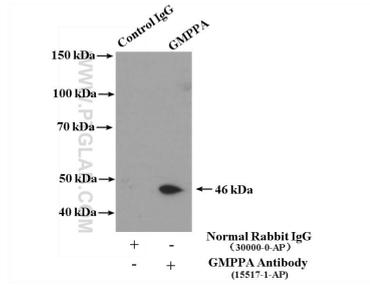
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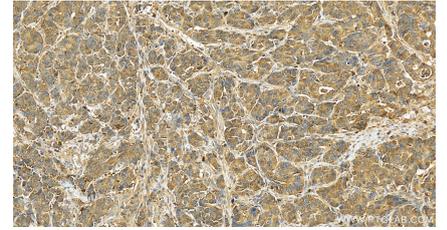
## Selected Validation Data



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).