

For Research Use Only

# BPGM Polyclonal antibody

Catalog Number: 17173-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

17173-1-AP

**Size:**

800 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10731

**GenBank Accession Number:**

BC017050

**GeneID (NCBI):**

669

**UNIPROT ID:**

P07738

**Full Name:**

2,3-bisphosphoglycerate mutase

**Calculated MW:**

259 aa, 30 kDa

**Observed MW:**

30 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:8000

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

IHC 1:100-1:400

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse, rat

**Positive Controls:**

**WB:** HEK-293T cells, human plasma, mouse liver tissue, rat liver tissue, HeLa cells, Jurkat cells, K-562 cells, LNCaP cells, U-87 MG cells, mouse heart tissue, mouse lung tissue

**IP:** mouse liver tissue,

**IHC:** human liver cancer tissue, human liver tissue

**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
Guoji E	36334804	Brain Res Bull	WB, IF
Ping Xu	35108516	Cell Metab	WB, IP

## 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

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

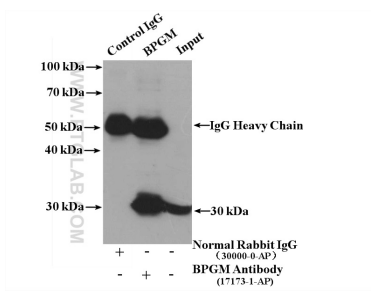
T: 4006900926

E: Proteintech-CN@ptglab.com

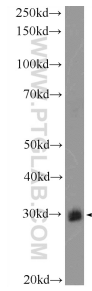
W: ptgcn.com

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

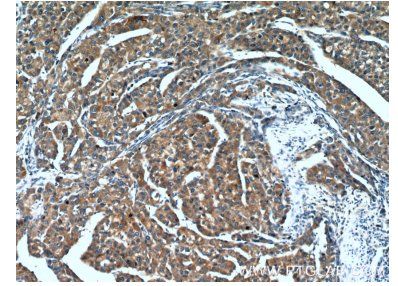
## Selected Validation Data



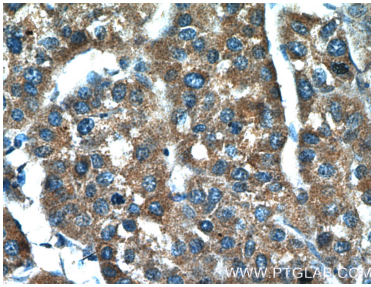
IP result of anti-BPGM (IP:17173-1-AP, 4ug; Detection:17173-1-AP 1:700) with mouse liver tissue lysate 6000 ug.



mouse liver tissue were subjected to SDS PAGE followed by western blot with 17173-1-AP (BPGM Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17173-1-AP (BPGM Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17173-1-AP (BPGM Antibody) at dilution of 1:200 (under 40x lens).