

For Research Use Only

# BPGM Polyclonal antibody

Catalog Number: 17173-1-AP

2 Publications



## Basic Information

Catalog Number:

17173-1-AP

Size:

150ul, Concentration: 800 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10731

GenBank Accession Number:

BC017050

GeneID (NCBI):

669

Full Name:

2,3-bisphosphoglycerate mutase

Calculated MW:

259 aa, 30 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:100-1:400

## Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

**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: mouse liver tissue, human plasma tissue, rat liver tissue

IP: mouse liver tissue,

IHC: human liver cancer tissue, human liver tissue

## 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

\*\*\* 20ul sizes contain 0.1% BSA

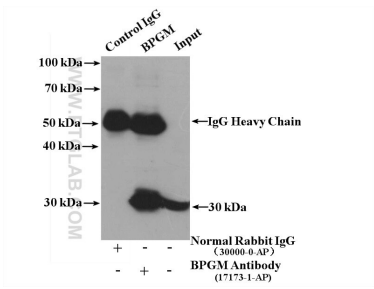
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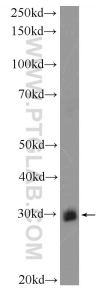
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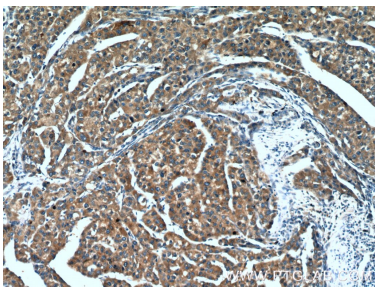
Selected Validation Data



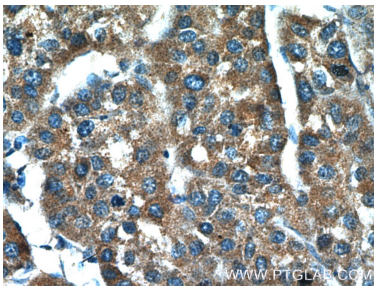
IP result of anti-BPGM (IP:17173-1-AP, 4ug; Detection:17173-1-AP 1:700) with mouse liver tissue lysate 6000 ug.



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).