

For Research Use Only

BPGM Polyclonal antibody

Catalog Number: 17173-1-AP **3 Publications**



Basic Information

Catalog Number:

17173-1-AP

Size:

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

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:100-1:400

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IP, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, 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-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

Notable Publications

Author	Pubmed ID	Journal	Application
Guoji E	36334804	Brain Res Bull	WB,IF
Ping Xu	35108516	Cell Metab	WB,IP
Song Yu	38426208	Front Physiol	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

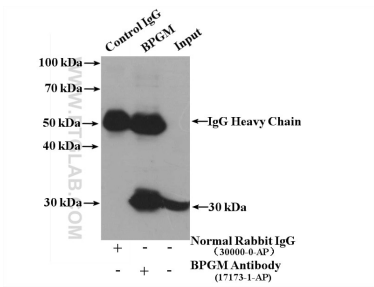
For technical support and original validation data for this product please contact:

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

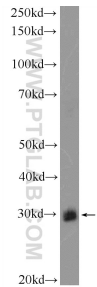
E: proteintech@ptglab.com
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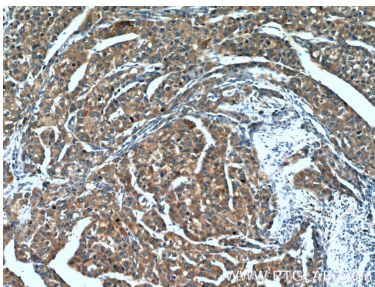
Selected Validation Data



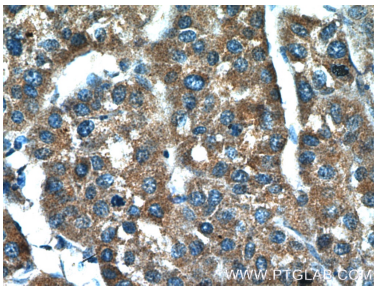
IP result of anti-BPGM (IP:17173-1-AP, 4ug; Detection:17173-1-AP 1:700) with mouse liver tissue lysate 6000 ug.



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).