

For Research Use Only

# IGFBP7 Polyclonal antibody

Catalog Number: 19961-1-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

19961-1-AP

### Size:

600 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001553

### GeneID (NCBI):

3490

### UNIPROT ID:

Q16270

### Full Name:

insulin-like growth factor binding protein 7

### Calculated MW:

29 kDa

### Observed MW:

30 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:5000

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

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IF, IHC

### 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 : Jurkat cells, MOLT-4 cells, SKOV-3 cells, THP-1 cells

IP : mouse appendix tissue,

IHC : human liver cancer tissue, human liver tissue

## Background Information

IGFBP7, also named as MAC25, PSF, IBP-7 and TAF, binds IGF-I and IGF-II with a relatively low affinity. IGFBP7 stimulates prostacyclin (PGI2) production. IGFBP7 stimulates cell adhesion.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei Dang	34634383	Cancer Lett	IHC, WB
Ali C M Johnson	29980651	J Am Soc Nephrol	IHC
Sandeep Aryal	31797049	Hum Genet	IF

## 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:

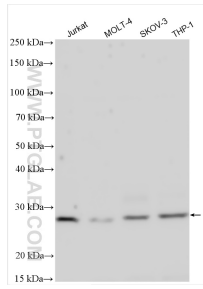
T: 4006900926

E: Proteintech-CN@ptglab.com

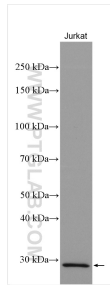
W: ptgcn.com

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

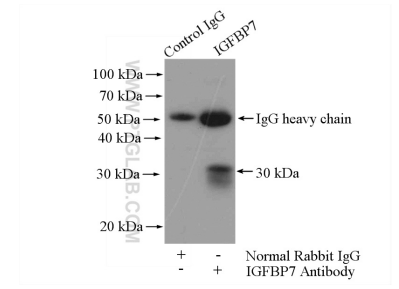
## Selected Validation Data



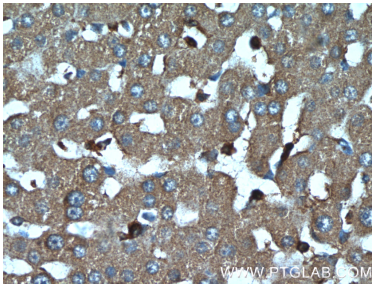
Various lysates were subjected to SDS PAGE followed by western blot with 19961-1-AP (IGFBP7 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



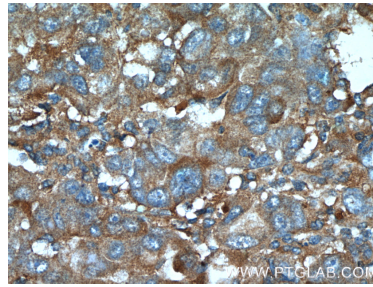
Jurkat cells were subjected to SDS PAGE followed by western blot with 19961-1-AP (IGFBP7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-IGFBP7 (IP:19961-1-AP, 4ug; Detection:19961-1-AP 1:300) with mouse appendix tissue lysate 6000ug.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 19961-1-AP (IGFBP7 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 19961-1-AP (IGFBP7 Antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 19961-1-AP (IGFBP7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.