

For Research Use Only

IGFBP7 Polyclonal antibody

Catalog Number: 19961-1-AP **7 Publications**



Basic Information

Catalog Number: 19961-1-AP	GenBank Accession Number: NM_001553	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 3490	Recommended Dilutions: WB 1:1000-1:5000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: insulin-like growth factor binding protein 7	IHC 1:20-1:200
Isotype: IgG	Calculated MW: 29 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

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

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

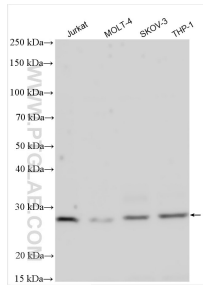
For technical support and original validation data for this product please contact:

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

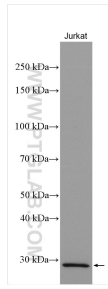
E: proteintech@ptglab.com
W: ptglab.com

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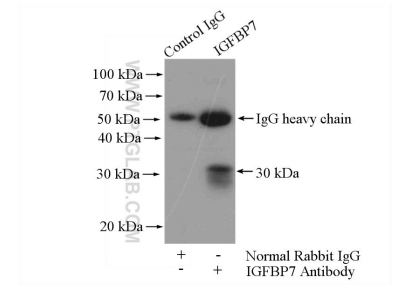
Selected Validation Data



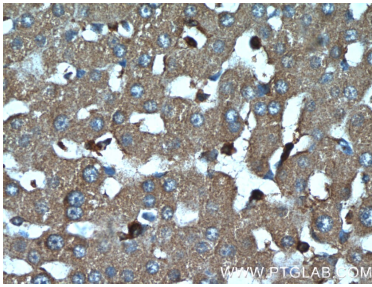
Various lysates were subjected to SDS PAGE followed by western blot with 19961-1-AP (IGFBP7 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



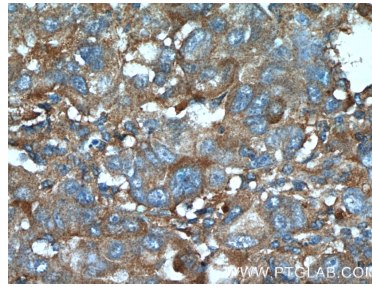
Jurkat cells were subjected to SDS PAGE followed by western blot with 19961-1-AP (IGFBP7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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).