

For Research Use Only

# IGHMBP2 Polyclonal antibody

Catalog Number: 23945-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 23945-1-AP	<b>GenBank Accession Number:</b> BC105088	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 150ul, Concentration: 300 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3508	<b>Recommended Dilutions:</b> WB 1:1000-1:5000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P38935	
<b>Isotype:</b> IgG	<b>Full Name:</b> immunoglobulin mu binding protein 2	
<b>Immunogen Catalog Number:</b> AG21057	<b>Calculated MW:</b> 993 aa, 109 kDa	
	<b>Observed MW:</b> 109 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : HL-60 cells, human brain tissue, Jurkat cells IHC : human liver cancer tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

**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

IGHMBP2 also named as immunoglobulin mu binding protein 2 is a 993 amino-acid protein, which localizes in nuclear and cytoplasm. The molecular weight of IGHMBP2 is 109 kDa. IGHMBP2 belongs to the DNA2/NAM7 helicase family. IGHMBP2 also acts as a transcriptional regulator and is necessary for transcriptional activation of the flounder liver-type antifreeze protein gene. IGHMBP2 exists as a homooligomer and is part of the cytosolic ribonucleoprotein complex.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jesslyn E Park	38168189	bioRxiv	WB

## Storage

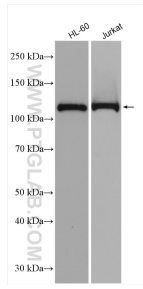
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

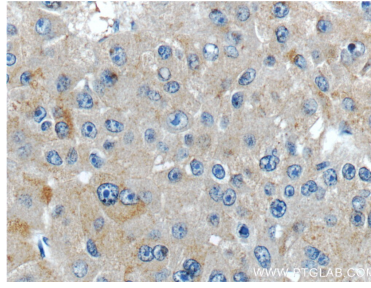
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23945-1-AP (IGHMBP2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 23945-1-AP (IGHMBP2 Antibody) at dilution of 1:50 (under 40x lens).