

For Research Use Only

IGHMBP2 Polyclonal antibody

Catalog Number: 23945-1-AP

1 Publications



Basic Information

Catalog Number:

23945-1-AP

Size:

150ul , Concentration: 300 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21057

GenBank Accession Number:

BC105088

GeneID (NCBI):

3508

UNIPROT ID:

P38935

Full Name:

immunoglobulin mu binding protein

2

Calculated MW:

993 aa, 109 kDa

Observed MW:

109 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:1000-1:5000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HL-60 cells, human brain tissue, Jurkat cells

IHC : human liver cancer tissue,

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

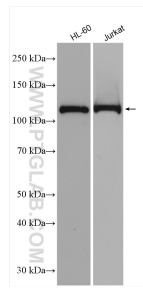
For technical support and original validation data for this product please contact:

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

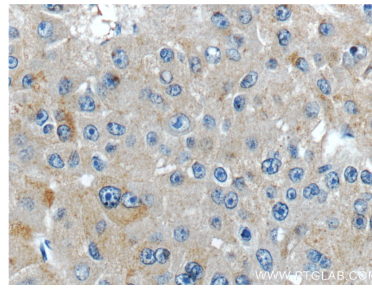
E: proteintech@ptglab.com
W: ptglab.com

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 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).