

For Research Use Only

fetuin-B Polyclonal antibody

Catalog Number: 18052-1-AP



Basic Information

Catalog Number: 18052-1-AP	GenBank Accession Number: BC074734	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 26998	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
Source: Rabbit	Full Name: fetuin B	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 382 aa, 42 kDa	
Immunogen Catalog Number: AG12562	Observed MW: 50-60 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : human blood tissue, human plasma
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IP : human plasma tissue,
	IHC : human liver cancer tissue, mouse liver tissue

Background Information

Fetuin-B is a protein that in humans is encoded by the FETUB gene. The protein encoded by this gene is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption, regulation of the ins and hepatocyte growth factor receptors, and response to systemic inflammation. It may be a protease inhibitor required for egg fertilization.

Storage

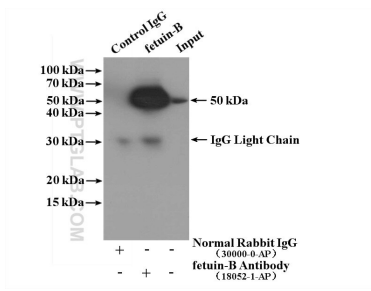
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

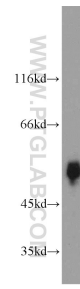
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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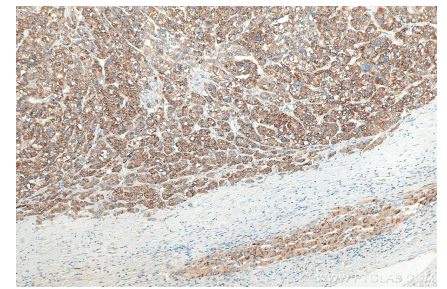
Selected Validation Data



IP result of anti-fetuin-B (IP:18052-1-AP, 4 μ g; Detection:18052-1-AP 1:2000) with human plasma lysate 4000 μ g.



human blood were subjected to SDS PAGE followed by western blot with 18052-1-AP (fetuin-B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 18052-1-AP (fetuin-B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).