

For Research Use Only

# fetuin-B Polyclonal antibody

Catalog Number: 18052-1-AP



## Basic Information

**Catalog Number:**

18052-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG12562

**GenBank Accession Number:**

BC074734

**GeneID (NCBI):**

26998

**UNIPROT ID:**

Q9UGM5

**Full Name:**

fetuin B

**Calculated MW:**

382 aa, 42 kDa

**Observed MW:**

50-60 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

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

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Species Specificity:**

human, mouse, rat

**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 : human blood tissue, human plasma

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

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

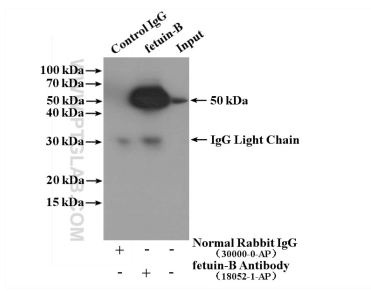
T: 4006900926

E: Proteintech-CN@ptglab.com

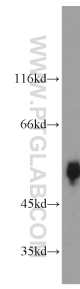
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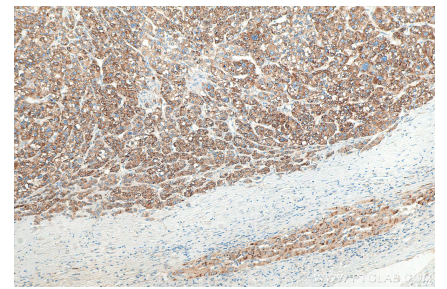
## Selected Validation Data



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