

For Research Use Only

Alpha 1B-Glycoprotein Polyclonal antibody



Catalog Number: 14181-1-AP

Basic Information

Catalog Number: 14181-1-AP	GenBank Accession Number: BC035719	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 1	Recommended Dilutions: WB 1:2000-1:20000 IHC 1:2500-1:10000 IF/ICC 1:10-1:100
Source: Rabbit	UNIPROT ID: P04217	
Isotype: IgG	Full Name: alpha-1-B glycoprotein	
Immunogen Catalog Number: AG5414	Calculated MW: 54 kDa Observed MW: 65 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, 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: human plasma tissue, BxPC-3 cells, MCF-7 cells, mouse kidney tissue

IHC: human hepatocirrhosis tissue,

IF/ICC: HepG2 cells,

Background Information

Alpha-1B-glycoprotein (A1BG) is a plasma protein and is a member of the immunoglobulin superfamily. A1BG contains 474 amino acids and has 5 intrachain disulfide bonds. It has been reported that cysteine-rich secretory protein 3 (CRISP-3) is a specific and high-affinity ligand of A1BG. A1BG-CRISP-3 complex displays a similar function in protecting the circulation from a potentially harmful effect of free CRISP3 (PMID: 15461460).

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:

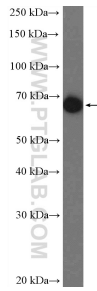
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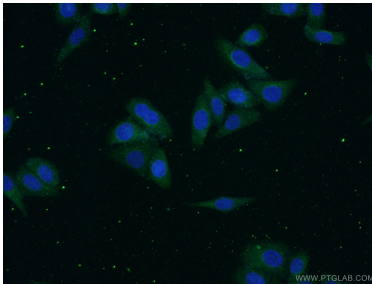
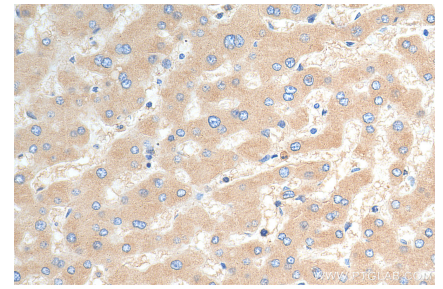
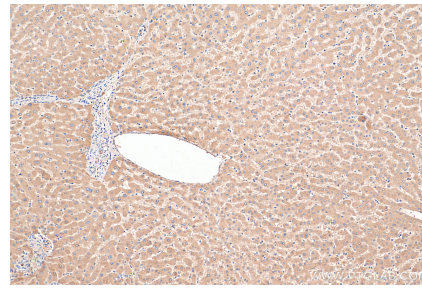
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Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 14181-1-AP (alpha-1B-glycoprotein antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 14181-1-AP (alpha-1B-glycoprotein antibody) at dilution of 1:25 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).