

For Research Use Only

Alpha 2-Antiplasmin Polyclonal antibody

Catalog Number: 28549-1-AP



Basic Information

Catalog Number: 28549-1-AP	GenBank Accession Number: BC031592	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 5345	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: P08697	IHC 1:50-1:500 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2	
Immunogen Catalog Number: AG29670	Calculated MW: 491 aa, 55 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HepG2 cells, THP-1 cells, mouse liver tissue, rat liver tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse liver tissue,
	IF/ICC : HepG2 cells,

Background Information

SERPINF2, also termed Alpha-2-antiplasmin(a2-AP), a member of the serpin family of serine protease inhibitors. SERPINF2 is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in SERPINF2 result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis.

Storage

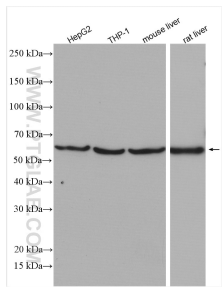
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

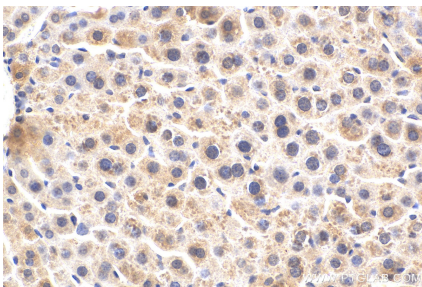
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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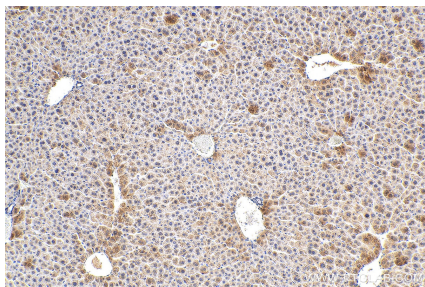
Selected Validation Data



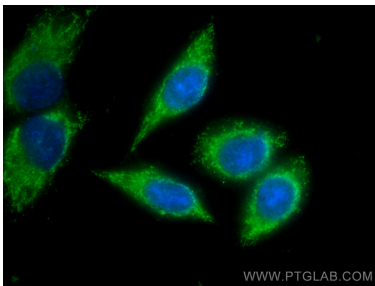
Various lysates were subjected to SDS PAGE followed by western blot with 28549-1-AP (Alpha-2-antiplasmin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



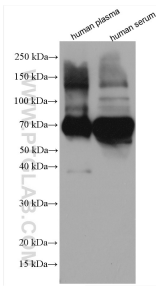
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 28549-1-AP (Alpha-2-antiplasmin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 28549-1-AP (Alpha-2-antiplasmin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Alpha-2-antiplasmin antibody (28549-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



human plasma were subjected to SDS PAGE followed by western blot with 28549-1-AP (Alpha-2-antiplasmin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.