

For Research Use Only

APOF Polyclonal antibody, PBS Only

Catalog Number:16608-1-PBS



Basic Information

Catalog Number: 16608-1-PBS	GenBank Accession Number: BC026257	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 319	
Source: Rabbit	UNIPROT ID: Q13790	
Isotype: IgG	Full Name: apolipoprotein F	
Immunogen Catalog Number: AG9824	Calculated MW: 326 aa, 35 kDa	
	Observed MW: 30-33 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

APOF protein, full name Apolipoprotein F, also known as Lipid transfer inhibitor protein (LTIP), belongs to the apolipoprotein F family. This protein is primarily expressed by the liver and secreted into the plasma. Its core function is to act as a cholesterol transport regulator, modulating the transport of cholesterol among plasma lipoproteins by inhibiting the activity of cholesteryl ester transfer protein (CETP). APOF is initially synthesized as a precursor protein with a theoretical molecular weight of approximately 35.4 kDa. After processing, the mature peptide has a molecular weight of about 17.4 kDa. However, in plasma, due to modifications such as glycosylation, the apparent molecular weight detected experimentally is typically around 33-35 kDa.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

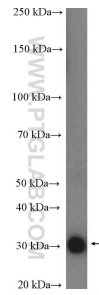
For technical support and original validation data for this product please contact:

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

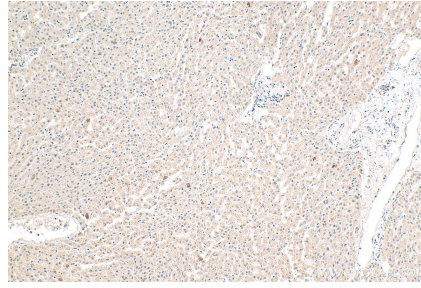
E: proteintech@ptglab.com
W: ptglab.com

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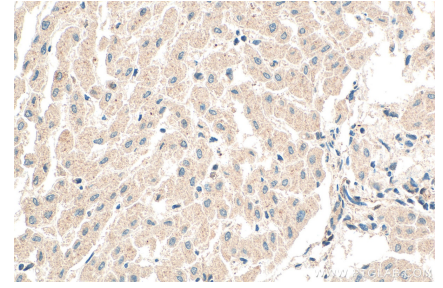
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 16608-1-AP (APOF antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16608-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16608-1-AP (APOF antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16608-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16608-1-AP (APOF antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16608-1-PBS in a different storage buffer formulation.