

For Research Use Only

APOF Polyclonal antibody, PBS Only

Catalog Number:16608-1-PBS



Basic Information

Catalog Number:

16608-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9824

GenBank Accession Number:

BC026257

GeneID (NCBI):

319

UNIPROT ID:

Q13790

Full Name:

apolipoprotein F

Calculated MW:

326 aa, 35 kDa

Observed MW:

30-33 kDa

Purification Method:

Antigen affinity purification

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

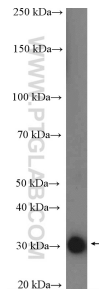
T: 4006900926

E: Proteintech-CN@ptglab.com

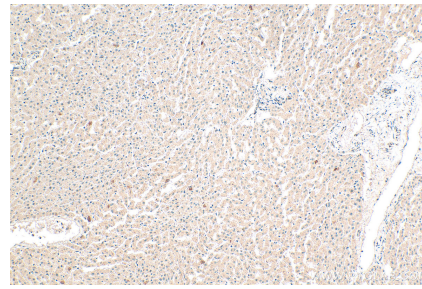
W: ptgcn.com

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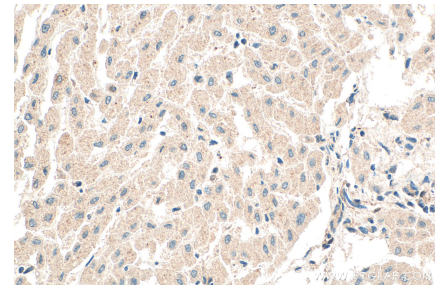
Selected Validation Data



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.