

For Research Use Only

Apolipoprotein CIII Polyclonal antibody, PBS Only

Catalog Number: 22262-1-PBS



Basic Information

Catalog Number:

22262-1-PBS

Size:

100ug , Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000040

GeneID (NCBI):

345

UNIPROT ID:

P02656

Full Name:

apolipoprotein C-III

Calculated MW:

11 kDa

Observed MW:

11 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

Apolipoprotein CIII (apoCIII) is the most abundant C-apolipoprotein in human and is found on very low density lipoproteins, chylomicrons, and high density lipoproteins (HDL) (PMID: 18408013). ApoCIII inhibits lipoprotein lipase as well as binding of lipoproteins to cell surface heparan sulfate proteoglycans and receptors (PMID: 26228667). ApoC-III has 3 actions that can impair plasma lipoprotein metabolism and lead to hypertriglyceridemia (PMID: 24941081).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

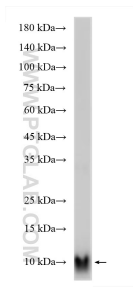
For technical support and original validation data for this product please contact:

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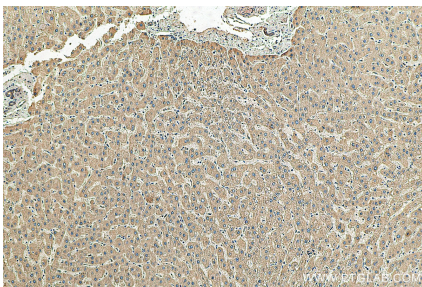
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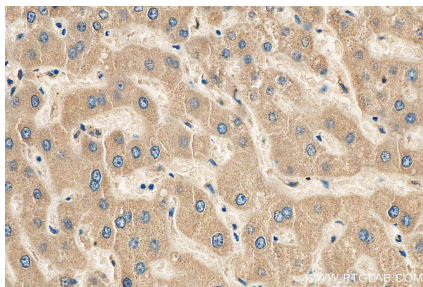
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 22262-1-AP (APOC3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22262-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22262-1-AP (APOC3 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 22262-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22262-1-AP (APOC3 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 22262-1-PBS in a different storage buffer formulation.