

For Research Use Only

# Apolipoprotein CIII Polyclonal antibody, PBS Only

Catalog Number: 22262-1-PBS



## Basic Information

Catalog Number:

22262-1-PBS

Concentration:

1 mg/ml

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.

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:

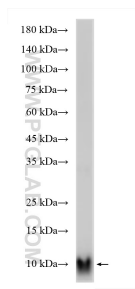
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

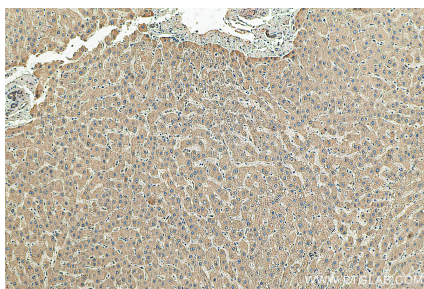
W: [ptgcn.com](http://ptgcn.com)

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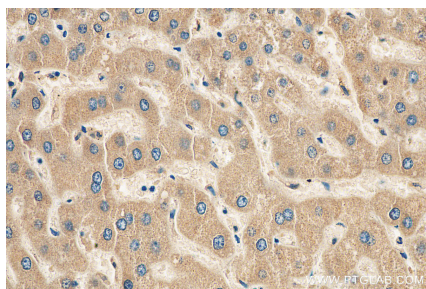
## Selected Validation Data



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.