

Apolipoprotein C-III Polyclonal Antibody

Catalog No: #42557

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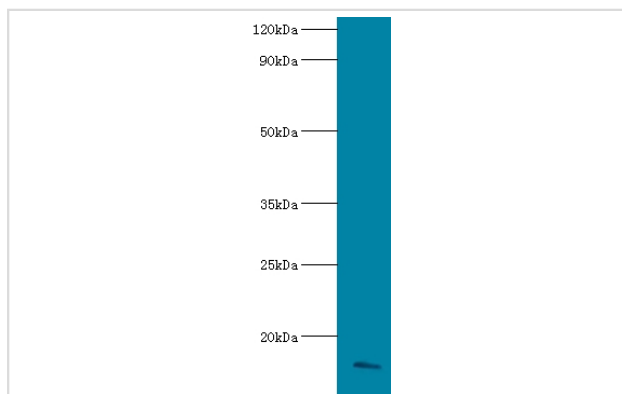
Description

Product Name	Apolipoprotein C-III Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Apolipoprotein C-III polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Apolipoprotein C-III protein
Target Name	Apolipoprotein C-III
Other Names	Apolipoprotein C3 APOC3
Accession No.	Swiss-Prot#: P02656
Uniprot	P02656
GeneID	345;
Calculated MW	11kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Images



All lanes: Apolipoprotein C-III antibody at 2ug/ml+rat liver tissue

Secondary

Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size:11kda

Observed band size:11kda

Background

Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma. Plays a multifaceted role in triglyceride homeostasis. Intracellularly, promotes hepatic very low density lipoprotein 1 (VLDL1) assembly and secretion; extracellularly, attenuates hydrolysis and clearance of triglyceride-rich lipoproteins (TRLs). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by remnant receptors.

References

[1] Isolation and sequence analysis of the human apolipoprotein CIII gene and the intergenic region between the apo AI and apo CIII genes. Protter A.A., Levy-Wilson B., Miller J., Bencen G., White T., Seilhamer J.J. DNA 3:449-456(1984) [2] Isolation and D

Note: This product is for in vitro research use only