

Anti-Apolipoprotein CIII Rabbit pAb



WL02058

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name Anti-Apolipoprotein CIII Rabbit pAb**Source** Rabbit**Species reactivity** Human, Mouse, Rat**Tested applications** WB 1:1000-1:2000

IHC 1:100

IF 1:100-1:200

Cellular localization Secreted**Pack size** 50/100/200/500/1000µl**Storage** Store at -20°C. **Avoid freeze/thaw cycles.****Storage buffer** Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml

BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. Apolipoproteins are protein components of plasma lipoproteins. The apolipoprotein C gene family encodes four homologous proteins designated apoC-I to -IV, which specifically modulate the metabolism of triglyceride-rich lipoproteins. The human apoC-III gene maps to chromosome 11q23 and encodes a protein that may delay catabolism of triglyceride-rich particles by inhibiting lipoprotein lipase and hepatic lipase. APOC3 has 99 amino acids and T64, T94, S95 are glycosylated. An increase in apoC-III levels induces the development of hypertriglyceridemia.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Apolipoprotein CIII.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

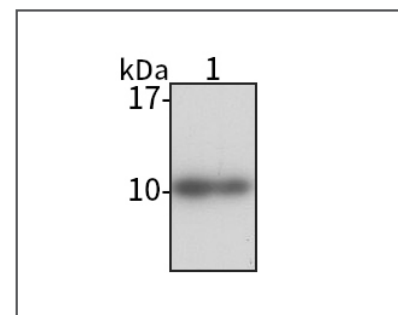
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Product Images



Western blot-Anti-Apolipoprotein CIII pAb

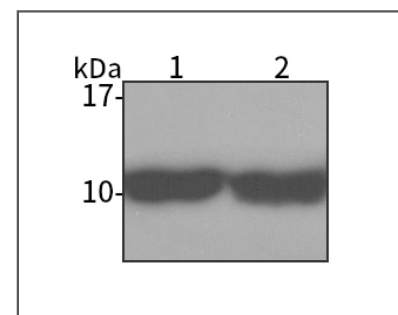
Lane 1: Human HEP-G2 cell lysate

All lanes: Anti-Apolipoprotein CIII at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 10 kDa

Observed band size: 10 kDa, 20-28 kDa



Western blot-Anti-Apolipoprotein CIII pAb

Lane 1: Mouse liver tissue lysate

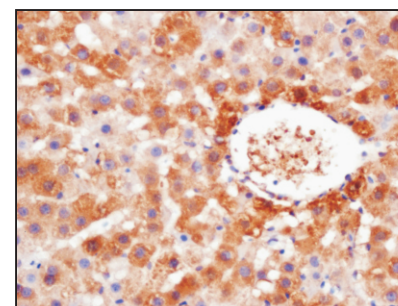
Lane 2: Rat liver tissue lysate

All lanes: Anti-Apolipoprotein CIII at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 10 kDa

Observed band size: 10 kDa, 20-28 kDa



Immunohistochemistry-Anti-Apolipoprotein CIII pAb

Immunohistochemical analysis of paraffin-embedded rat abnormal liver using anti-Apolipoprotein CIII Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

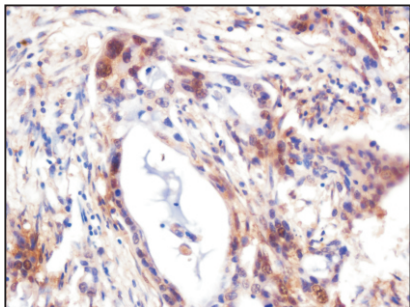
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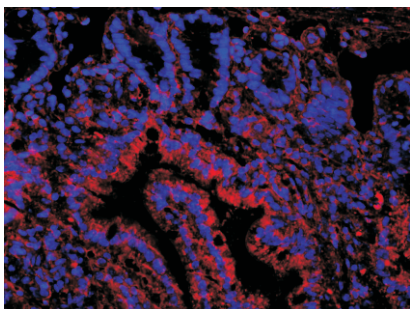
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Immunohistochemistry-Anti-Apolipoprotein CIII pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-Apolipoprotein CIII Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Apolipoprotein CIII pAb

Immunofluorescence analysis of paraffin-embedded mouse intestine using anti-Apolipoprotein CIII Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0