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APOC1 / Apolipoprotein C I Antibody (C-Terminus)

Goat Polyclonal Antibody
Catalog # ALS12461

Specification

APOC1 / Apolipoprotein C I Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	P02654
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**9kDa KDa**

APOC1 / Apolipoprotein C I Antibody (C-Terminus) - Additional Information

Gene ID 341

Other Names
Apolipoprotein C-I, Apo-CI, ApoC-I, Apolipoprotein C1, Truncated apolipoprotein C-I, APOC1

Target/Specificity
Human APOC1 / Apolipoprotein CI.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
APOC1 / Apolipoprotein C I Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

APOC1 / Apolipoprotein C I Antibody (C-Terminus) - Protein Information

Name APOC1

Function
Inhibitor of lipoprotein binding to the low density lipoprotein (LDL) receptor, LDL receptor-related protein, and very low density lipoprotein (VLDL) receptor. Associates with high density lipoproteins (HDL) and the triacylglycerol-rich lipoproteins in the plasma and makes up about 10% of the protein of the VLDL and 2% of that of HDL. Appears to interfere directly with fatty acid uptake and is also the major plasma inhibitor of cholesteryl ester transfer protein (CETP). Binds free fatty acids and reduces their intracellular esterification. Modulates the interaction of APOE with beta-migrating VLDL and inhibits binding of beta-VLDL to the LDL receptor-related protein.

Cellular Location
Secreted.

Tissue Location
Synthesized mainly in liver and to a minor degree in intestine. Also found in the lung and spleen

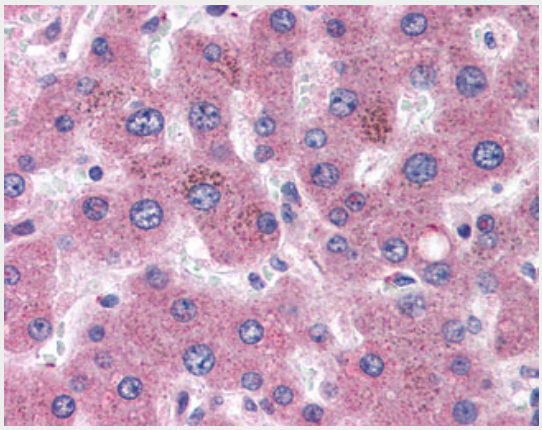
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APOC1 / Apolipoprotein C I Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

APOC1 / Apolipoprotein C I Antibody (C-Terminus) - Images



Anti-APOC1 / Apolipoprotein CI antibody IHC of human liver.

APOC1 / Apolipoprotein C I Antibody (C-Terminus) - Background

Inhibitor of lipoprotein binding to the low density lipoprotein (LDL) receptor, LDL receptor-related protein, and very low density lipoprotein (VLDL) receptor. Associates with high density lipoproteins (HDL) and the triacylglycerol-rich lipoproteins in the plasma and makes up about 10% of the protein of the VLDL and 2% of that of HDL. Appears to interfere directly with fatty acid uptake and is also the major plasma inhibitor of cholesteryl ester transfer protein (CETP). Binds free fatty acids and reduces their intracellular esterification. Modulates the interaction of APOE with beta-migrating VLDL and inhibits binding of beta-VLDL to the LDL receptor-related protein.

APOC1 / Apolipoprotein C I Antibody (C-Terminus) - References

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Lauer S.J.,et al.J. Biol. Chem. 263:7277-7286(1988).
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