

APOC3 / Apolipoprotein C III Antibody (N-Terminus)
Goat Polyclonal Antibody
Catalog # ALS14282**Specification****APOC3 / Apolipoprotein C III Antibody (N-Terminus) - Product Information**

Application	IHC
Primary Accession	P02656
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	11kDa KDa

APOC3 / Apolipoprotein C III Antibody (N-Terminus) - Additional Information**Gene ID** 345**Other Names**

Apolipoprotein C-III, Apo-CIII, ApoC-III, Apolipoprotein C3, APOC3

Target/Specificity

Apo CIII recombinant protein

Reconstitution & Storage

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot and store at -20°C. Aliquots are stable for at least 12 months at -20°C

Precautions

APOC3 / Apolipoprotein C III Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

APOC3 / Apolipoprotein C III Antibody (N-Terminus) - Protein Information**Name** APOC3**Function**

Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma (PubMed:<[a href="http://www.uniprot.org/citations/18201179" target="_blank">18201179](http://www.uniprot.org/citations/18201179), PubMed:<[a href="http://www.uniprot.org/citations/22510806" target="_blank">22510806](http://www.uniprot.org/citations/22510806)). Plays a multifaceted role in triglyceride homeostasis (PubMed:<[a href="http://www.uniprot.org/citations/18201179" target="_blank">18201179](http://www.uniprot.org/citations/18201179), PubMed:<[a href="http://www.uniprot.org/citations/22510806" target="_blank">22510806](http://www.uniprot.org/citations/22510806)). Intracellularly, promotes hepatic very low density lipoprotein 1 (VLDL1) assembly and secretion; extracellularly, attenuates hydrolysis and clearance of triglyceride- rich lipoproteins (TRLs) (PubMed:<[a href="http://www.uniprot.org/citations/18201179" target="_blank">18201179](http://www.uniprot.org/citations/18201179), PubMed:<[a href="http://www.uniprot.org/citations/22510806" target="_blank">22510806](http://www.uniprot.org/citations/22510806)). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by remnant receptors (PubMed:<[a href="http://www.uniprot.org/citations/18201179" target="_blank">18201179](http://www.uniprot.org/citations/18201179))

target="_blank">18201179, PubMed:22510806). Formed of several curved helices connected via semiflexible hinges, so that it can wrap tightly around the curved micelle surface and easily adapt to the different diameters of its natural binding partners (PubMed:18408013).

Cellular Location

Secreted

Tissue Location

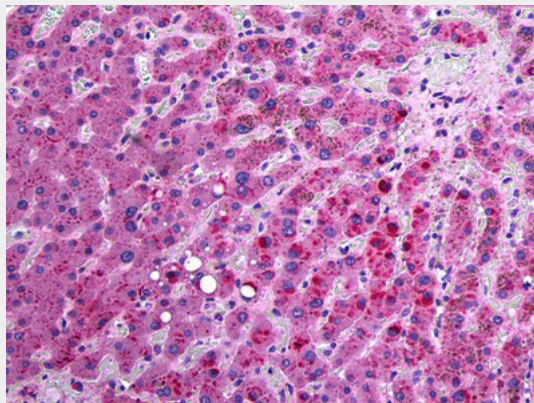
Liver..

APOC3 / Apolipoprotein C III Antibody (N-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 Cytometry](#)
- [Cell Culture](#)

APOC3 / Apolipoprotein C III Antibody (N-Terminus) - Images



Anti-APOC3 / Apolipoprotein CIII antibody IHC of human liver.

APOC3 / Apolipoprotein C III Antibody (N-Terminus) - 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.

APOC3 / Apolipoprotein C III Antibody (N-Terminus) - References

Protter A.A.,et al.DNA 3:449-456(1984).
Levy-Wilson B.,et al.DNA 3:359-364(1984).

Karathanasis S.K.,et al.J. Lipid Res. 26:451-456(1985).
Sharpe C.R.,et al.Nucleic Acids Res. 12:3917-3932(1984).
Fullerton S.M.,et al.Hum. Genet. 115:36-56(2004).