

ApoC-III Polyclonal Antibody
Catalog # AP73733**Specification****ApoC-III Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	P02656
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

ApoC-III Polyclonal Antibody - Additional Information

Gene ID 345

Other Names

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ApoC-III Polyclonal Antibody - Protein Information

Name APOC3

Function

Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma (PubMed: [18201179](http://www.uniprot.org/citations/18201179), PubMed: [22510806](http://www.uniprot.org/citations/22510806)). Plays a multifaceted role in triglyceride homeostasis (PubMed: [18201179](http://www.uniprot.org/citations/18201179), PubMed: [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: [18201179](http://www.uniprot.org/citations/18201179), PubMed: [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: [18201179](http://www.uniprot.org/citations/18201179), PubMed: [22510806](http://www.uniprot.org/citations/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

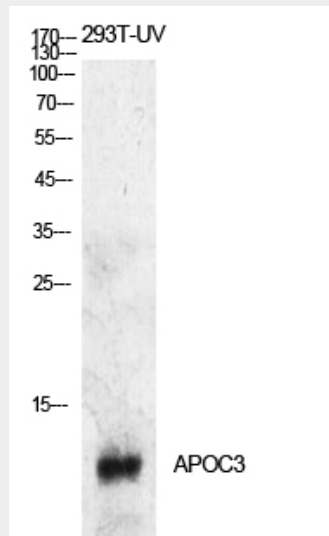
Liver..

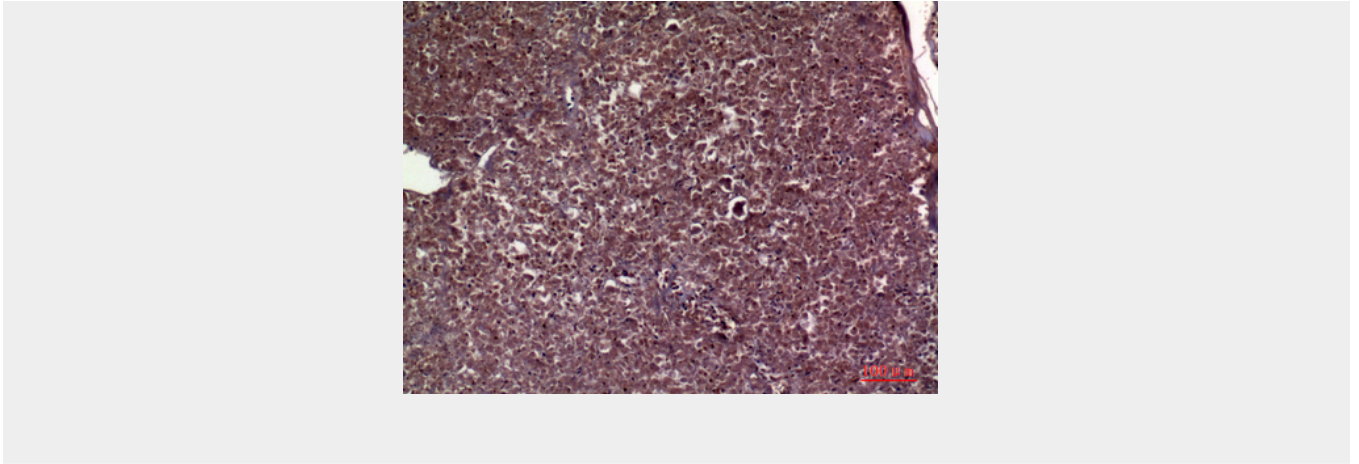
ApoC-III Polyclonal Antibody - Protocols

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](#)

ApoC-III Polyclonal Antibody - Images





ApoC-III Polyclonal Antibody - Background

Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma (PubMed:18201179, PubMed:22510806). Plays a multifaceted role in triglyceride homeostasis (PubMed:18201179, PubMed:22510806). Intracellularly, promotes hepatic very low density lipoprotein 1 (VLDL1) assembly and secretion; extracellularly, attenuates hydrolysis and clearance of triglyceride-rich lipoproteins (TRLs) (PubMed:18201179, PubMed:22510806). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by remnant receptors (PubMed: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).