

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

Application	WB, IHC-P
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.

IHC-P~~N/A

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

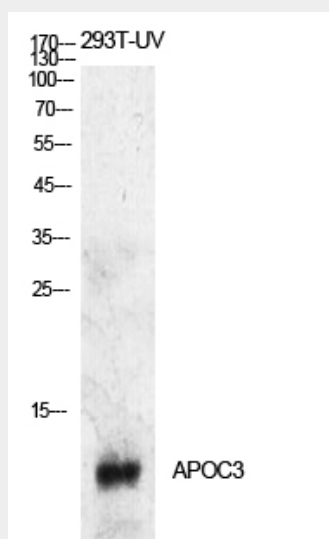
Tissue Location

Liver..

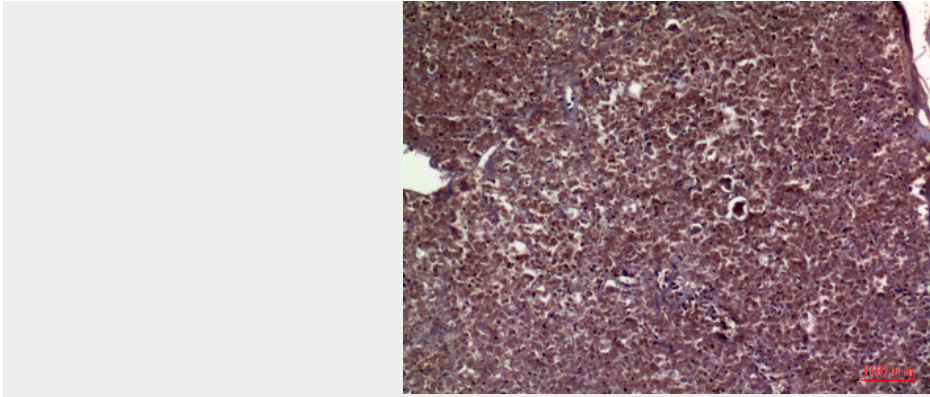
ApoC-III Polyclonal Antibody - Protocols

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

Western Blot analysis of 293T-UV cells using ApoC-III Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100

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).