

# ApoC-III Polyclonal Antibody

Catalog # AP73733

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P02656</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	10852

## Additional Information

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<b>Gene ID</b>	345
<b>Other Names</b>	APOC3; Apolipoprotein C-III; Apo-CIII; ApoC-III; Apolipoprotein C3
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

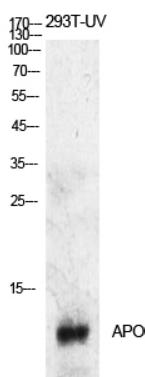
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<b>Name</b>	APOC3
<b>Function</b>	Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma (PubMed: <a href="#">18201179</a> , PubMed: <a href="#">22510806</a> ). Plays a multifaceted role in triglyceride homeostasis (PubMed: <a href="#">18201179</a> , PubMed: <a href="#">22510806</a> ). 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="#">18201179</a> , PubMed: <a href="#">22510806</a> ). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by remnant receptors (PubMed: <a href="#">18201179</a> , PubMed: <a href="#">22510806</a> ). 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: <a href="#">18408013</a> ).
<b>Cellular Location</b>	Secreted
<b>Tissue Location</b>	Liver..

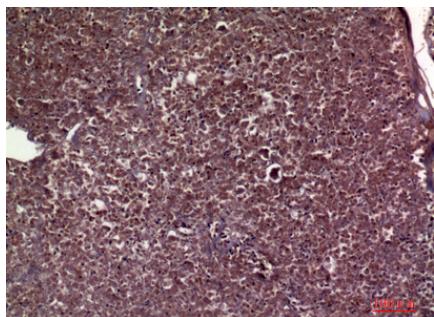
## Background

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](#)).

## 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

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