

Datasheet for ABIN7265641
anti-APOC3 antibody (AA 1-99)[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	APOC3
Binding Specificity:	AA 1-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Apolipoprotein C3 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-99 of human Apolipoprotein C3 (NP_000031.1).
Sequence:	MQPRVLLVVA LLALLASARA SEAEDASLLS FMQGYMKHAT KTAKDALSSV QESQVAQQAR GWVTDGFSSL KDYWSTVKDK FSEFWDLDP E VRPTSAVAA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

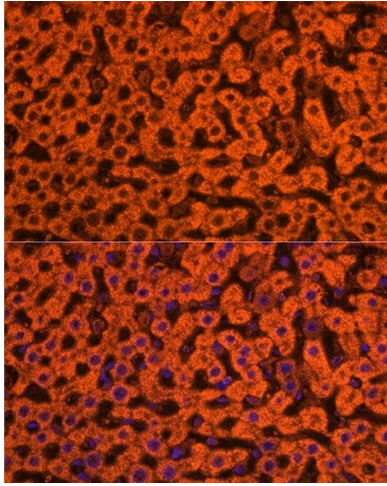
Target:	APOC3
Alternative Name:	APOC3 (APOC3 Products)
Background:	Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase, it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV genes are transcribed from the same strand, while the A-1 and C-III genes are convergently transcribed. An increase in apoC-III levels induces the development of hypertriglyceridemia.,APOC3,APOCIII,HALP2,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cardiovascular,Lipids,Lipoproteins/Apolipoproteins,APOC3
Molecular Weight:	10kDa
Gene ID:	345
UniProt:	P02656
Pathways:	Carbohydrate Homeostasis , Lipid Metabolism

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200
Restrictions:	For Research Use only

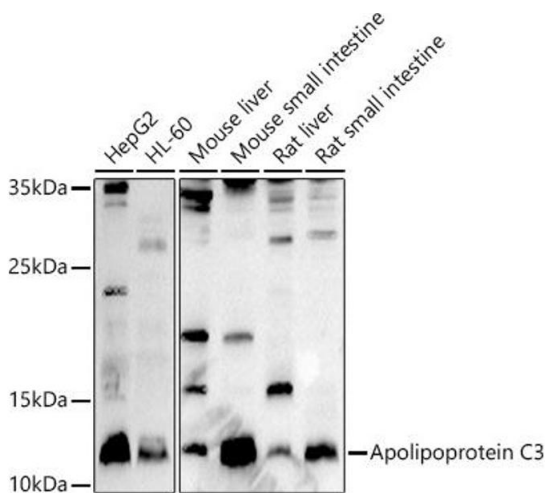
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



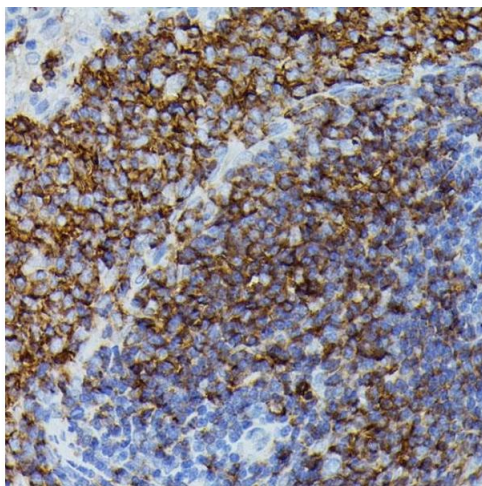
Immunofluorescence

Image 1. Immunofluorescence analysis of rat liver cells using Apolipoprotein C3 Rabbit pAb (ABIN7265641) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Apolipoprotein C3 antibody (ABIN7265641) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat spleen using Apolipoprotein C3 antibody (ABIN7265641) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7265641.