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# Datasheet for ABIN6242164 anti-APOC3 antibody (C-Term)

2 Images



## Overview

Quantity:	400 µL
Target:	APOC3
Binding Specificity:	AA 70-99, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

# Product Details

Immunogen:	This APOC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70~99 amino acids from the C-term region of human APOC3.
Clone:	RB15169
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

# Target Details

Target:	APOC3
Alternative Name:	APOC3 (APOC3 Products)

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Target Details	
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.
Molecular Weight:	10852
NCBI Accession:	NP_000031
UniProt:	P02656
Pathways:	Carbohydrate Homeostasis, Lipid Metabolism
Application Details	
Application Notes:	WB: 1:2000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months

### Images





#### Western Blotting

**Image 1.** Anti-OC3 Antibody (C-term) at 1:2000 dilution + human plasma lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with OC3 antibody (C-term) 7797b , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

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