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Datasheet for ABIN6137012
anti-APOC1 antibody (AA 1-83)

1 Image

Overview

Quantity:	100 µL
Target:	APOC1
Binding Specificity:	AA 1-83
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOC1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-83 of human APOC1 (NP_001636.1).
Sequence:	MRLFLSLPVL VVLSIVLEG PAPAQGTPDV SSALDKLKEF GNTLEDKARE LISRIKQSEL SAKMREWFSE TFQKVKEKLG IDS
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

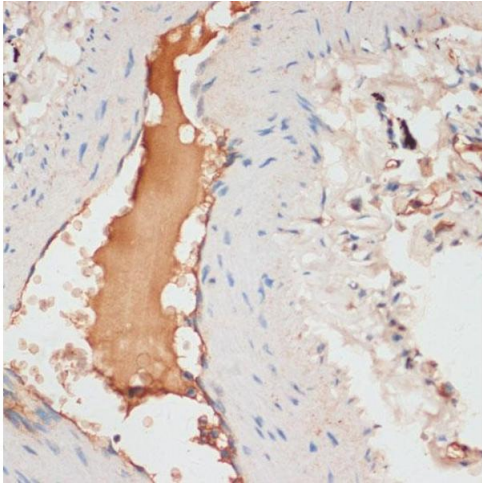
Target:	APOC1
Alternative Name:	APOC1 (APOC1 Products)
Background:	<p>This gene encodes a member of the apolipoprotein C1 family. This gene is expressed primarily in the liver, and it is activated when monocytes differentiate into macrophages. The encoded protein plays a central role in high density lipoprotein (HDL) and very low density lipoprotein (VLDL) metabolism. This protein has also been shown to inhibit cholesteryl ester transfer protein in plasma. A pseudogene of this gene is located 4 kb downstream in the same orientation, on the same chromosome. This gene is mapped to chromosome 19, where it resides within a apolipoprotein gene cluster. Alternative splicing and the use of alternative promoters results in multiple transcript variants.,APOC1,Apo-CI,ApoC-I,apo-CIB,apoC-IB,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cardiovascular,Heart,Lipids,Fatty Acids,Lipoproteins/Apolipoproteins,Cardiovascular diseases,Heart disease,APOC1</p>
Molecular Weight:	9 kDa
Gene ID:	341
UniProt:	P02654
Pathways:	Apoptosis

Application Details

Application Notes:	IHC,1:50 - 1:100
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.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung using antibody (ABIN6127360, ABIN6137012, ABIN6137013 and ABIN6221266) 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.