



# APOC1 Polyclona Antibody

Cat No.:ES18289

For research use only

## Overview

<b>Product Name</b>	APOC1 Polyclona Antibody
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC; ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA(peptide)1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human APOC1 AA range: 1-50
<b>Specificity</b>	This antibody detects endogenous levels of human APOC1
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	APOC1
<b>Gene Name</b>	APOC1 APOC1B
<b>Cellular localization</b>	Secreted .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	341
<b>Human Swiss-Prot Number</b>	P02654
<b>Alternative Names</b>	Apolipoprotein C-I (Apo-CIB;ApoC-IB;Apolipoprotein C1) [Cleaved into: Truncated apolipoprotein C-I (Apo-CIB';ApoC-IB')]
<b>Background</b>	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. [provided by RefSeq, Sep 2016],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

