APOC1 Rabbit pAb

Catalog NO.: A5629 **1 Publications**

Basic Information

Observed MW

Calculated MW
9kDa

Category
Polyclonal Antibodies

Applications
IHC-P, ELISA

Cross-Reactivity
Human, Rat

Conjugation
Unconjugated

Background

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.

Recommended Dilutions

IHC-P	1:50 - 1:100

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
341

Swiss Prot
P02654

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Apo-CI; ApoC-I; apo-CIB; apoC-IB; APOC1

Contact

Product Information

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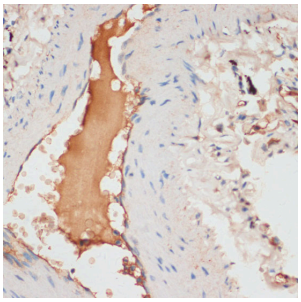
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human lung using APOC1 Rabbit pAb (A5629) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

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