

APOC1 Rabbit pAb

Catalog No.: A5629

1 Publications

Basic Information

Observed MW

Calculated MW

9kDa

Category

Primary antibody

Applications

IHC-P,ELISA

Cross-Reactivity

Human, Rat

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

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Product Information

Source

Rabbit

Isotype

IgG

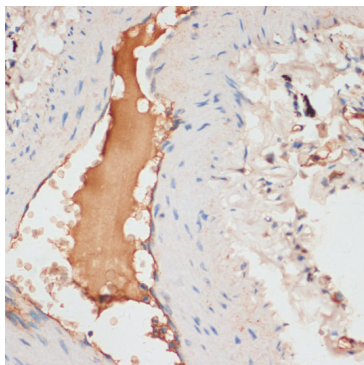
Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



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.