

A1772

Leader in Biomolecular Solutions for Life Science



APOC2 Rabbit pAb

Catalog No.: A1772

Basic Information

Observed MW

11kDa

Calculated MW

11kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Rat

Background

This gene encodes a lipid-binding protein belonging to the apolipoprotein gene family. The protein is secreted in plasma where it is a component of very low density lipoprotein. This protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in this gene cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. This gene is present in a cluster with other related apolipoprotein genes on chromosome 19. Naturally occurring read-through transcription exists between this gene and the neighboring upstream apolipoprotein C-IV (APOC4) gene.

Recommended Dilutions

WB 1:100 - 1:500

Immunogen Information

Gene ID

344

Swiss Prot

P02655

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-101 of human APOC2 (NP_000474.2).

Synonyms

APO-CII; APOC-II; APOC2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

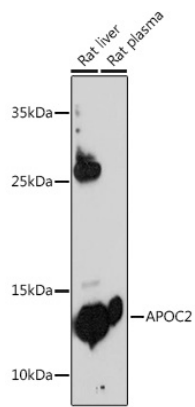
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of various lysates using APOC2 Rabbit pAb (A1772) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.