

Datasheet for ABIN3022521

anti-Apolipoprotein C-II antibody (AA 1-101)



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2 Images

Overview

Quantity:	100 µL
Target:	Apolipoprotein C-II (APOC2)
Binding Specificity:	AA 1-101
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apolipoprotein C-II antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-101 of human APOC2 (NP_000474.2).
Sequence:	MGTRLLPALF LVLLVLGFEV QGTQQPQQDE MPSPTFLTQV KESLSSYWES AKTAAQNLYE KTYLPAVDEK LRDLYSKSTA AMSTYTGIFT DQVLSVLKGE E
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target: Apolipoprotein C-II (APOC2)

Alternative Name: APOC2 ([APOC2 Products](#))

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.,APOC2,APO-CII,APOC-II,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cardiovascular,Heart,Lipids,Lipoproteins/Apolipoproteins,Cardiovascular diseases,Heart disease,APOC2

Molecular Weight: 11 kDa

Gene ID: 344

UniProt: [P02655](#)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: WB,1:500 - 1:2000

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.

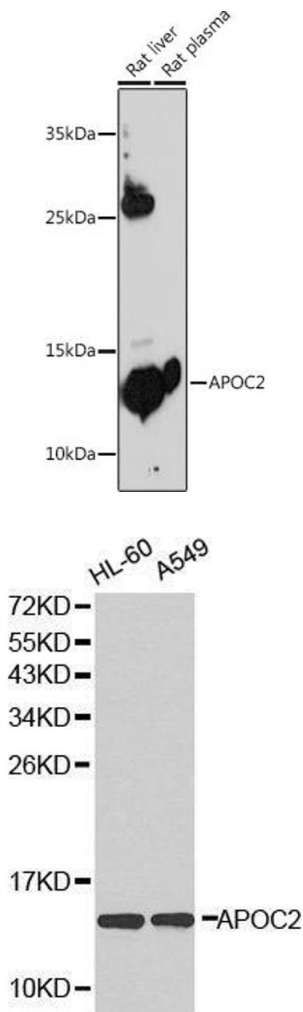
Handling Advice: Avoid freeze / thaw cycles

Storage: -20 °C

Handling

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

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using antibody (ABIN3022520, ABIN3022521, ABIN3022522 and ABIN6218875) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using APOC2 antibody.