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Datasheet for ABIN392226

## anti-Apolipoprotein C-II antibody (AA 45-73)

### 2 Images

#### Overview

Quantity:	400 µL
Target:	Apolipoprotein C-II (APOC2)
Binding Specificity:	AA 45-73
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This APOC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-73 amino acids from the Central region of human APOC2.
Clone:	RB15165
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	Apolipoprotein C-II (APOC2)
Alternative Name:	APOC2 ( <a href="#">APOC2 Products</a> )
Background:	APOC2 is secreted in plasma where it is a component of very low density lipoprotein. The

## Target Details

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protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in the gene encoding this protein cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis.

Molecular Weight: 11284

Gene ID: 344

NCBI Accession: [NP\\_000474](#)

UniProt: [P02655](#)

Pathways: [Lipid Metabolism](#)

## Application Details

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Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

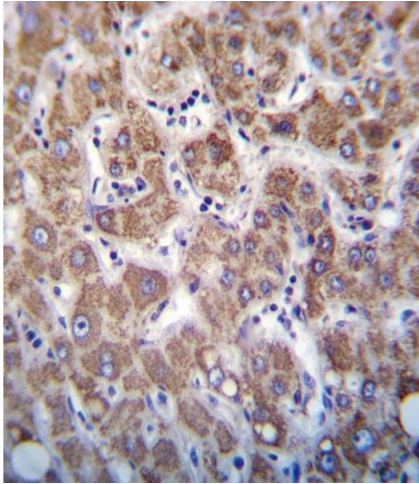
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

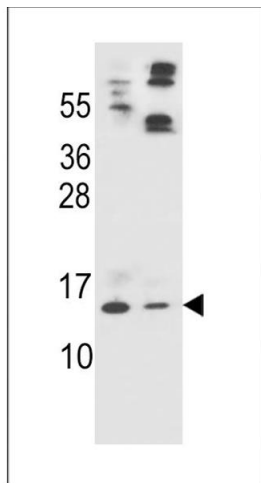
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** OC2 Antibody (Center) 7796c immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of OC2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** OC2 Antibody (Center) 7796c western blot analysis in HL-60(lane 1),A549(lane 2) cell line lysates (35  $\mu$ g/lane). This demonstrates the OC2 antibody detected the OC2 protein (arrow).