10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Apolipoprotein C-II (GOAT) Antibody
APOLIPOPROTEIN C-II Antibody
Catalog # ASR5072

Specification

Anti-Apolipoprotein C-II (GOAT) Antibody - Product Information

Host	**Goat**
Conjugate	**Unconjugated**
Target Species	**Human**
Reactivity	**Human**
Clonality	**Polyclonal**
Application	**WB, IHC, E, IP, I, LCI**
Application Note	**Anti-apoLipoprotein antibodies have been tested in immunohistochemistry and used for indirect trapping ELISA for quantitation of antigen in serum using a standard curve, immunoprecipitation, immunohistochemistry, and for western blotting for highly sensitive qualitative analysis.**
Physical State	**Liquid (sterile filtered)**
Buffer	**0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0**
Immunogen	**apoLipoprotein Type C-II produced synthetically in full-length form (not selected epitopes) using conventional peptide technology.**
Preservative	**0.01% (w/v) Sodium Azide**

Anti-Apolipoprotein C-II (GOAT) Antibody - Additional Information

Gene ID 344

Other Names
344

Purity
This product has been prepared by immunoaffinity chromatography using immobilized antigens followed by extensive cross-adsorption against other apoLipoproteins and human serum proteins to remove any unwanted specificities. Typically less than 1% cross reactivity against other types of apoLipoprotein was detected by ELISA against purified standards. This antibody reacts with human apoLipoprotein C-II and has negligible cross-reactivity with Type A-I, A-II, B, C-I, C-III, E and J apoLipoproteins. Specific cross reaction of anti-apoLipoprotein antibodies with antigens from other species has not been determined. Non-specific cross reaction of anti-apoLipoprotein antibodies with other human serum proteins is negligible.

Storage Condition
Store vial at 4° C prior to opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-Apolipoprotein C-II (GOAT) Antibody - Protein Information

Name APOC2

Synonyms APC2

Function
Component of chylomicrons, very low-density lipoproteins (VLDL), low-density lipoproteins (LDL), and high-density lipoproteins (HDL) in plasma. Plays an important role in lipoprotein metabolism as an activator of lipoprotein lipase. Both proapolipoprotein C-II and apolipoprotein C-II can activate lipoprotein lipase. In normolipidemic individuals, it is mainly distributed in the HDL, whereas in hypertriglyceridemic individuals, predominantly found in the VLDL and LDL.

Cellular Location
Secreted.

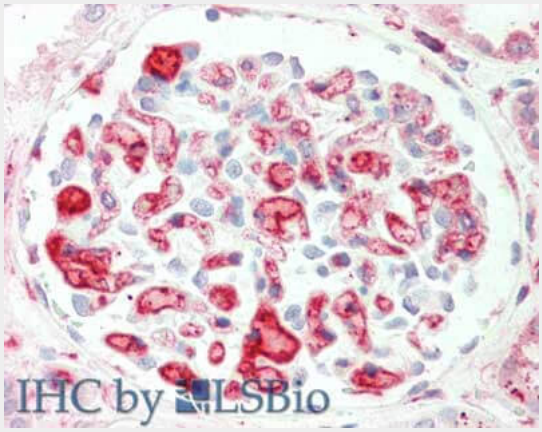
Tissue Location
Liver and intestine..

Anti-Apolipoprotein C-II (GOAT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Apolipoprotein C-II (GOAT) Antibody - Images



Immunohistochemistry of goat anti-Apolipoprotein C-II antibody. Tissue: human kidney. Fixation:

formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Apolipoprotein C-II at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase goat secondary antibody at 1:10,000 for 45 min at RT. Staining: Apolipoprotein C-II as precipitated red signal with hematoxylin purple nuclear counterstain.

Anti-Apolipoprotein C-II (GOAT) Antibody - Background

This antibody is suitable for cardiovascular research.