

Datasheet for 600-101-113**APOLIPOPROTEIN C-II Antibody****Overview**

Description:	Anti-Apolipoprotein C-II (GOAT) Antibody - 600-101-113
Item No.:	600-101-113
Size:	1 mg
Applications:	IHC
Reactivity:	Human
Host Species:	Goat

Product Details

Background:	This antibody is suitable for cardiovascular research.
Synonyms:	goat anti-Apolipoprotein C-II Antibody, Apo-CII, ApoC-II, APOC1 antibody, Apolipoprotein CII, Apolipoprotein C II antibody, Apolipoprotein C II precursor antibody, ApolipoproteinCII antibody
Host Species:	Goat
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	APOC2
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	apoLipoprotein Type C-II produced synthetically in full-length form (not selected epitopes) using conventional peptide technology.

Purity/Specificity: 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.

Relevant Links:

- [600-101-113 SDS](#)
- [UniProtKB - P02655](#)
- [NCBI - NP_000474.2](#)
- [GenelD - 344](#)

Application Details

Tested Applications: IHC

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.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:5,000 - 1:10,000

IHC: 1:50 - 1:200

IP: 1:100

WB: 1:5,000 - 1:10,000

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Buffer: 0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0

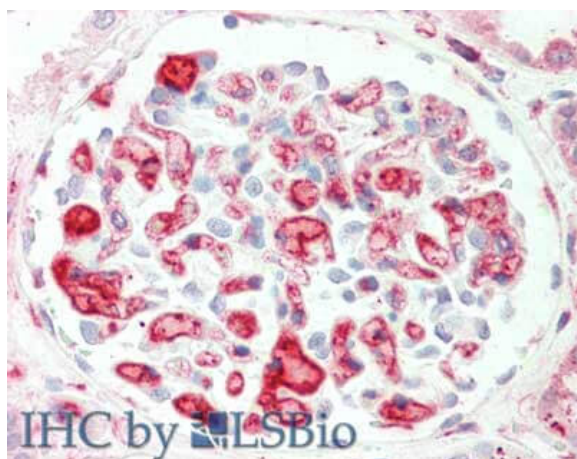
Preservative: 0.01% (w/v) Sodium Azide

Stabilizer: None

Shipping & Handling

Shipping Condition:	Wet Ice
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.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry

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.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.