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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 • GeneID - 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

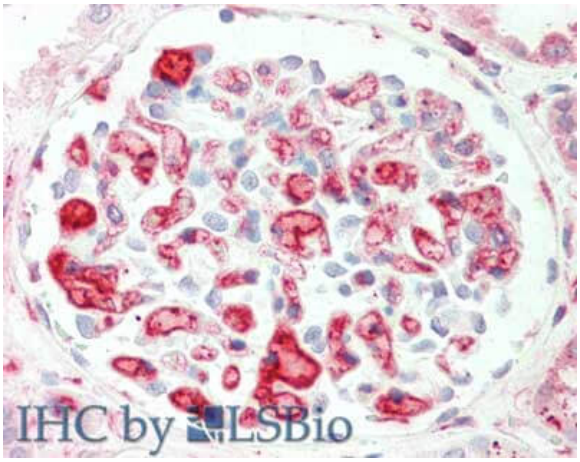
Formulation

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.

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