


Product datasheet

Anti-Apolipoprotein CII/ApoC-II antibody ab20952

Overview

Product name	Anti-Apolipoprotein CII/ApoC-II antibody
Description	Rabbit polyclonal to Apolipoprotein CII/ApoC-II
Host species	Rabbit
Specificity	Ab20952 specifically binds to human Apo CII.
Tested applications	Suitable for: WB, ELISA
Species reactivity	Predicted to work with: Human 
Immunogen	Full length protein corresponding to Human Apolipoprotein CII/ApoC-II.
General notes	This product was previously labelled as Apolipoprotein CII

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 0.0146% EDTA, 0.435% Sodium chloride
Purity	Protein A purified
Purification notes	Purified by sepharose affinity column
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab20952** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/10000 - 1/80000. Predicted molecular weight: 11 kDa. Dilution optimised using Chromogenic detection. Can be used to detect the existence of Apo CII in plasma and lipoproteins.
ELISA		1/10000 - 1/80000.

Target

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.
Tissue specificity	Liver and intestine.
Involvement in disease	Hyperlipoproteinemia 1B
Sequence similarities	Belongs to the apolipoprotein C2 family.
Post-translational modifications	Proapolipoprotein C-II is synthesized as a sialic acid containing glycoprotein which is subsequently desialylated prior to its proteolytic processing. Proapolipoprotein C-II, the major form found in plasma undergoes proteolytic cleavage of its N-terminal hexapeptide to generate apolipoprotein C-II, which occurs as the minor form in plasma.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors