abcam

Product datasheet

Anti-Apolipoprotein CII antibody (FITC) ab27610

Overview

Product name	Anti-Apolipoprotein CII antibody (FITC)
Description	Goat polyclonal to Apolipoprotein CII (FITC)
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	This antibody specifically binds to human Apolipoprotein CII.
Tested applications	**Suitable for:** ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	Full length native APO CII protein (purified) (Human)
General notes	Molar FITC/ Protein ratio is 4.1.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 5mg/ml BSA, 75mM Sodium chloride, 75mM PBS, 0.5mM EDTA. pH 7.4
Purity	Immunogen affinity purified
Purification notes	Purified by human Apolipoprotein CII-Sepharose™ affinity column.
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of **ab27610** 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
ICC/IF		Use at an assay dependent dilution.

Target

Relevance	At least 9 distinct polymorphic forms of apolipoproteins are known. The apolipoproteins act as stabilizers of the intact lipoprotein particles. Quantitative measurements of HDL, LDL and VLDL particles in human serum are often used to estimate an individuals' relative risk of coronary heart disease. In addition, quantitative immunological measurements of certain apolipoproteins (especially A-1 and B) have been suggested to be more accurate estimators of coronary heart disease than measurements of lipoprotein particles (especially HDL and LDL). Apolipoprotein C-II (apoCII) is in found in chylomicrons (large lipoprotein particles absorbed from the gastrointestinal tract) and VLDL (large lipoproteins that are broken down to eventually form LDL). ApoCII activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells.
Cellular localization	Secreted

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