abcam

Product datasheet

Human Apolipoprotein CII/ApoC-II peptide ab88220

1 Image

Description

Product name	Human Apolipoprotein CII/ApoC-II peptide
Purity	> 70 % HPLC. 70 - 90% by HPLC
Animal free	No
Nature	Synthetic
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab88220** in the following tested applications.

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

Applications	Blocking - Blocking peptide for Anti-Apolipoprotein CII/ApoC-II antibody (**ab76452**)
Form	Liquid
Additional notes	*- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.* *- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.* *- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.* *- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.* *- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.* This product was previously labelled as Apolipoprotein CII

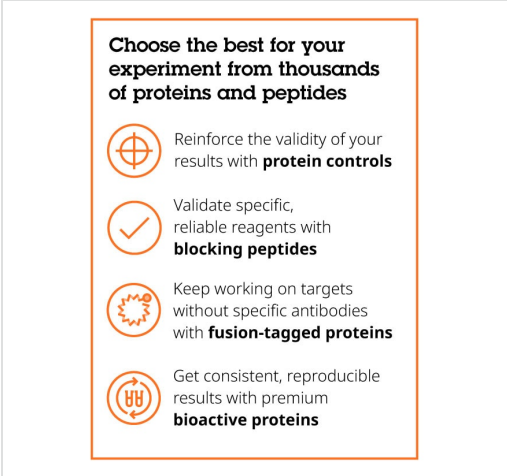
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

General Info

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.

Images



Human Apolipoprotein CII/ApoC-II peptide (ab88220)

To learn more about our protein and peptide range click **here**.

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

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