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APOA4 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP7591a

Specification

APOA4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	P06727
Other Accession	A8MSL6

APOA4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 337

Other Names
Apolipoprotein A-IV, Apo-AIV, ApoA-IV, Apolipoprotein A4, APOA4

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7591a was selected from the N-term region of human APOA4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

APOA4 Antibody (N-term) Blocking Peptide - Protein Information

Name APOA4

APOA4 Antibody (N-term) Blocking Peptide - Background

The primary translation product of the APOA4 gene is a 396-residue preprotein which after proteolytic processing is secreted into its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro.

APOA4 Antibody (N-term) Blocking Peptide - References

Chien,K.L., Clin. Chim. Acta 388 (1-2), 78-83 (2008)Bai,H., Acta Cardiol 63 (3), 315-322 (2008)

Function
May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. Apoa-IV is a major component of HDL and chylomicrons.

Cellular Location
Secreted.

Tissue Location
Synthesized primarily in the intestine and secreted in plasma

APOA4 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides