

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

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](#)

APOA4 Antibody (N-term) Blocking Peptide - Images

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)