

CETP Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7440a**Specification**

CETP Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P11597](#)**CETP Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1071**Other Names**

Cholesteryl ester transfer protein, Lipid transfer protein I {ECO:0000312|MIM:118470}, CETP (HGNC:1869)

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP7440a was selected from the N-term region of human CETP. 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.

CETP Antibody (N-term) Blocking Peptide - Protein Information**Name** CETP ([HGNC:1869](#))**Function**

Involved in the transfer of neutral lipids, including cholesteryl ester and triglyceride, among lipoprotein particles. Allows the net movement of cholesteryl ester from high density lipoproteins/HDL to triglyceride-rich very low density lipoproteins/VLDL, and the equimolar transport of triglyceride from VLDL to HDL (PubMed:3600759, PubMed:24293641, PubMed:3281933). Regulates the reverse cholesterol transport, by which excess cholesterol is removed from peripheral tissues and returned to the liver for elimination (PubMed:17237796).

Cellular Location

Secreted. Note=Secreted in plasma

Tissue Location

Expressed by the liver and secreted in plasma.

CETP Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CETP Antibody (N-term) Blocking Peptide - Images**CETP Antibody (N-term) Blocking Peptide - Background**

Cholesteryl ester transfer protein (CETP) transfers cholesteryl esters between lipoproteins. CETP may effect susceptibility to atherosclerosis.

CETP Antibody (N-term) Blocking Peptide - References

Nagano M., Yamashita S., Hirano K.J. Lipid Res. 43:1011-1018(2002)Morabia A., Cayanis E., Costanza M.C.Hum. Mol. Genet. 12:2733-2743(2003)Liu T., Qian W.-J., Gritsenko M.A.J. Proteome Res. 4:2070-2080(2005)