

APOL1 Antibody Blocking Peptide

Synthetic peptide
Catalog # BP7361a

Specification

APOL1 Antibody Blocking Peptide - Product Information

Primary Accession [O14791](#)

APOL1 Antibody Blocking Peptide - Additional Information

Gene ID 8542

Other Names

Apolipoprotein L1, Apolipoprotein L, Apo-L, ApoL, Apolipoprotein L-I, ApoL-I, APOL1, APOL

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7361a](#) was selected from the region of human APOL1-BH3 Domain. 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.

APOL1 Antibody Blocking Peptide - Protein Information

Name APOL1

Synonyms APOL

Function

May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver.

Cellular Location

Secreted.

Tissue Location

Plasma. Found on APOA-I-containing high density lipoprotein (HDL3). Expressed in pancreas, lung, prostate, liver, placenta and spleen

APOL1 Antibody Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

APOL1 Antibody Blocking Peptide - Images

APOL1 Antibody Blocking Peptide - Background

APOL1 is a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver.

APOL1 Antibody Blocking Peptide - References

Li,Q., Clin. Chim. Acta 403 (1-2), 152-155 (2009)Zhaorigetu,S., Autophagy 4 (8), 1079-1082 (2008)