

**APOL1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7361b****Specification**

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**APOL1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O14791](#)**APOL1 Antibody (C-term) 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 [AP7361b](/products/AP7361b) was selected from the C-term region of human APOL1. 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 (C-term) 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 (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **APOL1 Antibody (C-term) Blocking Peptide - Images**

## **APOL1 Antibody (C-term) 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 (C-term) Blocking Peptide - References**

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