

**ACP6 Blocking Peptide (N-Term)**  
**Synthetic peptide**  
**Catalog # BP22045a****Specification**

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**ACP6 Blocking Peptide (N-Term) - Product Information**

Primary Accession [Q9NPH0](#)  
Other Accession [A6H757](#), [Q5R8C0](#)

**ACP6 Blocking Peptide (N-Term) - Additional Information**

**Gene ID** 51205

**Other Names**

Lysophosphatidic acid phosphatase type 6, 3.1.3.2, Acid phosphatase 6, lysophosphatidic, Acid phosphatase-like protein 1, PACPL1, ACP6, ACPL1, LPAP

**Target/Specificity**

The synthetic peptide sequence is selected from aa 136-146 of HUMAN ACP6

**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.

**ACP6 Blocking Peptide (N-Term) - Protein Information**

**Name** ACP6

**Synonyms** ACPL1, LPAP

**Function**

Hydrolyzes lysophosphatidic acid (LPA) containing a medium length fatty acid chain to the corresponding monoacylglycerol. Has highest activity with lysophosphatidic acid containing myristate (C14:0), monounsaturated oleate (C18:1) or palmitate (C16:0), and lower activity with C18:0 and C6:0 lysophosphatidic acid.

**Cellular Location**

Mitochondrion.

**Tissue Location**

Highly expressed in kidney, heart, small intestine, muscle, liver, prostate, testis, ovary and weakly expressed in thymus and colon.

## **ACP6 Blocking Peptide (N-Term) - Protocols**

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

- [Blocking Peptides](#)

## **ACP6 Blocking Peptide (N-Term) - Images**

## **ACP6 Blocking Peptide (N-Term) - Background**

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## **ACP6 Blocking Peptide (N-Term) - References**

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Takayama I., et al. Gut 50:790-796(2002).  
Clark H.F., et al. Genome Res. 13:2265-2270(2003).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Totoki Y., et al. Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.