

**ACP6 Blocking Peptide (Center)**  
Synthetic peptide  
Catalog # BP22046c

## Specification

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### ACP6 Blocking Peptide (Center) - Product Information

Primary Accession [Q9NPH0](#)

### ACP6 Blocking Peptide (Center) - 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 271-283 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 (Center) - 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 (Center) - Protocols**

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

- [Blocking Peptides](#)

### **ACP6 Blocking Peptide (Center) - Images**

### **ACP6 Blocking Peptide (Center) - Background**

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.

### **ACP6 Blocking Peptide (Center) - 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.