

**OSBPL10 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18381b****Specification**

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**OSBPL10 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9BXB5](#)**OSBPL10 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 114884**Other Names**

Oxysterol-binding protein-related protein 10, ORP-10, OSBP-related protein 10, OSBPL10, ORP10, OSBP9

**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.

**OSBPL10 Antibody (C-term) Blocking Peptide - Protein Information****Name** OSBPL10**Synonyms** ORP10, OSBP9**Function**

Probable lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane. Its ability to bind phosphatidylserine, suggests that it specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P (PubMed:<a href="http://www.uniprot.org/citations/23934110" target="\_blank">23934110</a>) (Probable). Plays a role in negative regulation of lipid biosynthesis (PubMed:<a href="http://www.uniprot.org/citations/19554302" target="\_blank">19554302</a>). Negatively regulates APOB secretion from hepatocytes (PubMed:<a href="http://www.uniprot.org/citations/19554302" target="\_blank">19554302</a>, PubMed:<a href="http://www.uniprot.org/citations/22906437" target="\_blank">22906437</a>). Binds cholesterol and acidic phospholipids (PubMed:<a href="http://www.uniprot.org/citations/22906437" target="\_blank">22906437</a>). Also binds 25- hydroxycholesterol (PubMed:<a href="http://www.uniprot.org/citations/17428193" target="\_blank">17428193</a>). Binds phosphatidylserine (PubMed:<a href="http://www.uniprot.org/citations/23934110" target="\_blank">23934110</a>).

**Cellular Location**

Cytoplasm, cytoskeleton Note=Associates with microtubules.

**OSBPL10 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**OSBPL10 Antibody (C-term) Blocking Peptide - Images****OSBPL10 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Like most members, the encoded protein contains an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. Multiple transcript variants encoding different isoforms have been found for this gene.

**OSBPL10 Antibody (C-term) Blocking Peptide - References**

Koriyama, H., et al. J. Atheroscler. Thromb. 17(10):1054-1062(2010) Rose, J.E., et al. Mol. Med. 16(7-8), 247-253 (2010) :Koriyama, H., et al. Hypertens. Res. 33(5):511-514(2010) Perttila, J., et al. J. Mol. Med. 87(8):825-835(2009) Ma, J., et al. Atherosclerosis 191(1):63-72(2007)