

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

OSBPL10 Antibody (C-term) Blocking Peptide - Product InformationPrimary 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:23934110) (Probable). Plays a role in negative regulation of lipid biosynthesis (PubMed:19554302). Negatively regulates APOB secretion from hepatocytes (PubMed:19554302, PubMed:22906437). Binds cholesterol and acidic phospholipids (PubMed:22906437). Also binds 25-hydroxycholesterol (PubMed:17428193). Binds phosphatidylserine (PubMed:23934110).

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-bindingprotein (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)