

OSBPL6 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17475b**Specification**

OSBPL6 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9BZF3](#)**OSBPL6 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 114880**Other Names**

Oxysterol-binding protein-related protein 6, ORP-6, OSBP-related protein 6, OSBPL6, ORP6

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.

OSBPL6 Antibody (C-term) Blocking Peptide - Protein Information**Name** OSBPL6**Synonyms** ORP6**Function**

Regulates cellular transport and efflux of cholesterol (PubMed:26941018). Plays a role in phosphatidylinositol-4-phosphate (PI4P) turnover at the neuronal membrane (By similarity). Binds via its PH domain PI4P, phosphatidylinositol-4,5-diphosphate, phosphatidylinositol-3,4,5-triphosphate, and phosphatidic acid (By similarity). Weakly binds 25-hydroxycholesterol (PubMed:17428193).

Cellular Location

Cytoplasm, cytosol. Endoplasmic reticulum membrane; Peripheral membrane protein. Nucleus envelope. Cell membrane; Peripheral membrane protein. Endosome membrane; Peripheral membrane protein. Note=Co-localizes with OSBPL3 at contact sites between the plasma membrane and the endoplasmic reticulum {ECO:0000250|UniProtKB:Q8BXR9}

Tissue Location

Expressed in brain and striated muscle (at protein level) (PubMed:14593528). Widely expressed

(PubMed:11735225). Expressed in skeletal muscle (PubMed:14593528)

OSBPL6 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

OSBPL6 Antibody (C-term) Blocking Peptide - Images

OSBPL6 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. Transcript variants encoding different isoforms have been identified.

OSBPL6 Antibody (C-term) Blocking Peptide - References

Maestrini, E., et al. Mol. Psychiatry 15(9):954-968(2010) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Lehto, M., et al. Cell Tissue Res. 315(1):39-57(2004) Jaworski, C.J., et al. Genomics 78(3):185-196(2001) Lehto, M., et al. J. Lipid Res. 42(8):1203-1213(2001)