

OSBPL11 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18544a**Specification**

OSBPL11 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9BXB4](#)**OSBPL11 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 114885**Other Names**

Oxysterol-binding protein-related protein 11, ORP-11, OSBP-related protein 11, OSBPL11, ORP11, OSBP12

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.

OSBPL11 Antibody (N-term) Blocking Peptide - Protein Information**Name** OSBPL11**Synonyms** ORP11, OSBP12**Function**

Plays a role in regulating ADIPOQ and FABP4 levels in differentiating adipocytes and is also involved in regulation of adipocyte triglyceride storage (PubMed:23028956). Weakly binds 25- hydroxycholesterol (PubMed:17428193).

Cellular Location

Late endosome membrane. Golgi apparatus, trans-Golgi network membrane. Note=Localizes at the Golgi- late endosome interface

Tissue Location

Present at highest levels in ovary, testis, kidney, liver, stomach, brain, and adipose tissue. Strong expression (at protein level) in epithelial cells of kidney tubules, testicular tubules, caecum, and skin (PubMed:20599956). Present at low levels in subcutaneous and visceral adipose tissue (at protein level)(PubMed:23028956).

OSBPL11 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

OSBPL11 Antibody (N-term) Blocking Peptide - Images

OSBPL11 Antibody (N-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.

OSBPL11 Antibody (N-term) Blocking Peptide - References

Zhou, Y., et al. Exp. Cell Res. 316(19):3304-3316(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Bouchard, L., et al. Obesity (Silver Spring) 17(7):1466-1472(2009) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)