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# OSBPL10 Antibody (C-term)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP18381b**

## Specification

### OSBPL10 Antibody (C-term) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q9BXB5 |
| Other Accession | NP_001167531.1 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **83970** |
| Antigen Region | **669-695** |

### OSBPL10 Antibody (C-term) - Additional Information

**Gene ID** 114884

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

**Target/Specificity**
This OSBPL10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 669-695 amino acids from the C-terminal region of human OSBPL10.

**Dilution**
WB~~1:1000

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
OSBPL10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### OSBPL10 Antibody (C-term) - 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).

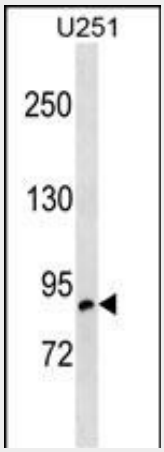
**Cellular Location**
Cytoplasm, cytoskeleton Note=Associates with microtubules.

## OSBPL10 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## OSBPL10 Antibody (C-term) - Images




OSBPL10 Antibody (C-term) (Cat. #AP18381b) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the OSBPL10 Antibody detected the OSBPL10 protein (arrow).

## OSBPL10 Antibody (C-term) - 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) - 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)