

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

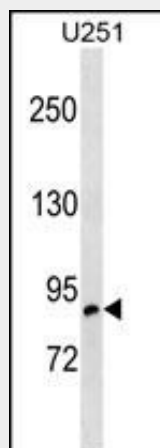
Cytoplasm, cytoskeleton Note=Associates with microtubules.

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 Cytometry](#)
- [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)
Perttola, J., et al. J. Mol. Med. 87(8):825-835(2009)
Ma, J., et al. Atherosclerosis 191(1):63-72(2007)