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OSBPL6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17475b

Specification

OSBPL6 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9BZF3
Other Accession	NP_665682.1, NP_115912.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**106306**
Antigen Region	**769-796**

OSBPL6 Antibody (C-term) - Additional Information

Gene ID 114880

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

Target/Specificity
This OSBPL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 769-796 amino acids from the C-terminal region of human OSBPL6.

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
OSBPL6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OSBPL6 Antibody (C-term) - Protein Information

Name OSBPL6

Synonyms ORP6

Function Regulates cellular transport and efflux of cholesterol (PubMed:26941018). Plays a role in phosphatidylinositol-4-phophate (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}

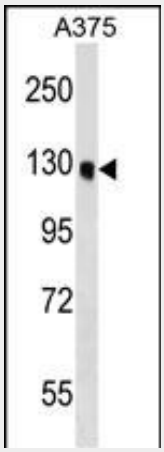
Tissue Location
Expressed in brain and striated muscle (at protein level) (PubMed:14593528). Widely expressed (PubMed:11735225). Expressed in skeletal muscle (PubMed:14593528)

OSBPL6 Antibody (C-term) - 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

OSBPL6 Antibody (C-term) - Images



OSBPL6 Antibody (C-term) (Cat. #AP17475b) western blot analysis in A375 cell line lysates (35ug/lane).This demonstrates the OSBPL6 antibody detected the OSBPL6 protein (arrow).

OSBPL6 Antibody (C-term) - 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) - 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)
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