

OSBPL1A / ORP1 Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS13631**Specification**

OSBPL1A / ORP1 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	Q9BXW6
Reactivity	Human, Mouse, Rat, Monkey, Pig, Chicken, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	108kDa KDa

OSBPL1A / ORP1 Antibody (C-Terminus) - Additional Information**Gene ID** 114876**Other Names**

Oxysterol-binding protein-related protein 1, ORP-1, OSBP-related protein 1, OSBPL1A, ORP1, OSBP8, OSBPL1, OSBPL1B

Target/Specificity

Human OSBPL1A / ORP1. This antibody is expected to recognise both reported human isoforms of this protein.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

OSBPL1A / ORP1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

OSBPL1A / ORP1 Antibody (C-Terminus) - Protein Information**Name** OSBPL1A ([HGNC:16398](#))**Function**

Binds phospholipids; exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate (By similarity). Stabilizes GTP-bound RAB7A on late endosomes/lysosomes and alters functional properties of late endocytic compartments via its interaction with RAB7A (PubMed:16176980). Binds 25-hydroxycholesterol and cholesterol (PubMed:17428193).

Cellular Location

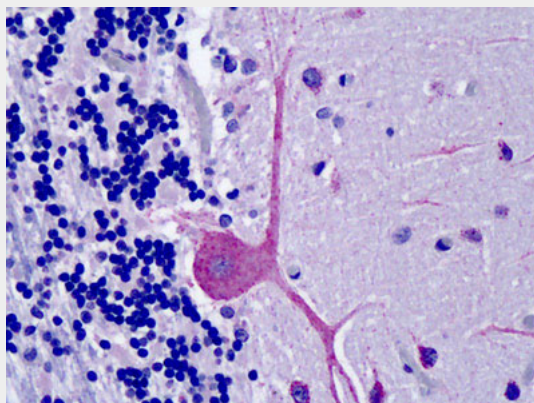
Late endosome. Note=Colocalizes with RAB7A, RAB9A and LAMP1 in late endosomes

OSBPL1A / ORP1 Antibody (C-Terminus) - Protocols

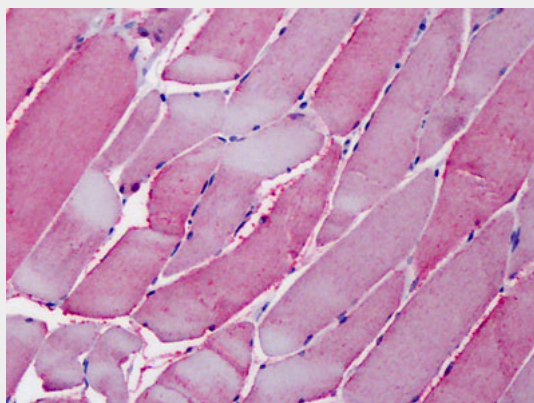
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OSBPL1A / ORP1 Antibody (C-Terminus) - Images



Anti-OSBPL1A / ORP1 antibody IHC of human brain, cerebellum.



Anti-OSBPL1A / ORP1 antibody IHC of human skeletal muscle.

OSBPL1A / ORP1 Antibody (C-Terminus) - Background

Binds phospholipids; exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3- phosphate (By similarity). Stabilizes GTP-bound RAB7A on late endosomes/lysosomes and alters functional properties of late endocytic compartments via its interaction with RAB7A.

OSBPL1A / ORP1 Antibody (C-Terminus) - References

Jaworski C.J.,et al.Genomics 78:185-196(2001).
Xu Y.,et al.J. Biol. Chem. 276:18407-18414(2001).
Lehto M.,et al.J. Lipid Res. 42:1203-1213(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 437:551-555(2005).