

OSBPL6 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56729

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q9BZF3
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106306

Additional Information

Gene ID	114880
Other Names	Oxysterol-binding protein-related protein 6, ORP-6, OSBP-related protein 6, OSBPL6, ORP6
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

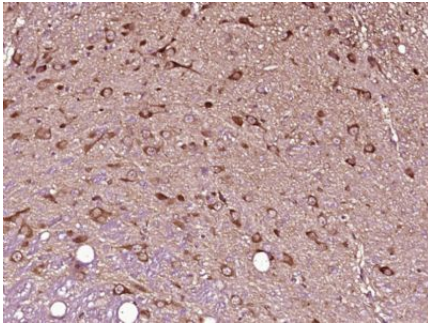
Name	OSBPL6 (HGNC:16388)
Synonyms	ORP6
Function	Regulates cellular transport and efflux of cholesterol (PubMed: 26941018). Plays a role in phosphatidylinositol-4-phosphate (PI4P) turnover at the neuronal membrane. Localizes at the neurons plasma membrane-endoplasmic reticulum contact sites, and exchanges phosphatidylserine (1,2-diacyl-sn-glycero-3-phospho-L-serine, PS) from the endoplasmic reticulum for phosphatidylinositol-4-phosphate (1,2-diacyl-sn-glycero-3-phospho-(1D-myo-inositol 4-phosphate), PI(4)P) from the plasma 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}

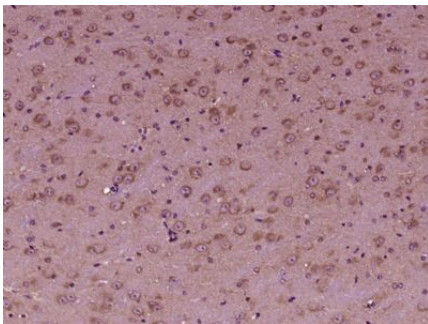
Tissue Location

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

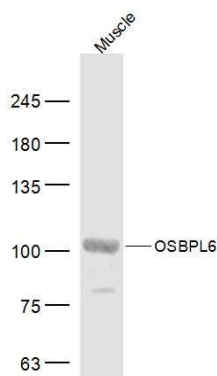
Images



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OSBPL6) Polyclonal Antibody, Unconjugated (AP56729) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OSBPL6) Polyclonal Antibody, Unconjugated (AP56729) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample:

Muscle (Mouse) Lysate at 40 ug

Primary: Anti-OSBPL6 (AP56729) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 106 kD

Observed band size: 106 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.