

OSBPL5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56728

Specification

OSBPL5 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O9H0X9
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	98616

OSBPL5 Polyclonal Antibody - Additional Information

Gene ID 114879

Other Names

Oxysterol-binding protein-related protein 5, ORP-5, OSBP-related protein 5, Oxysterol-binding protein homolog 1, OSBPL5, KIAA1534, OBPH1 {ECO:0000303|PubMed:12504849}, ORP5

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

OSBPL5 Polyclonal Antibody - Protein Information

Name OSBPL5

Synonyms KIAA1534, OBPH1 {ECO:0000303|PubMed:1250}

Function

Lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane: specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P, which is degraded by the SAC1/SACM1L phosphatase in the endoplasmic reticulum. Binds phosphatidylserine and PI4P in a mutually exclusive manner (PubMed:23934110, PubMed:26206935). May cooperate with NPC1 to mediate the exit of cholesterol from endosomes/lysosomes (PubMed:21220512). Binds 25-hydroxycholesterol and cholesterol (PubMed:17428193).

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein. Note=Localizes to endoplasmic reticulum-plasma membrane contact sites (EPCS). Localizes to the cortical endoplasmic reticulum at the EPCS

Tissue Location

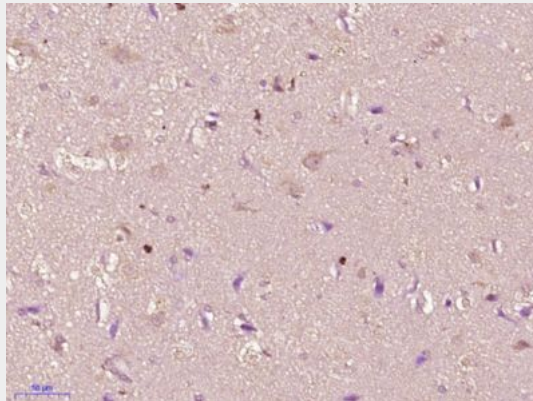
Ubiquitously expressed.

OSBPL5 Polyclonal Antibody - Protocols

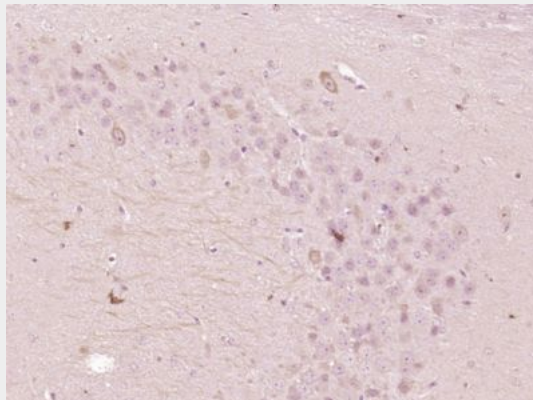
Provided below are standard protocols that you may find useful for product applications.

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

OSBPL5 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (OSBPL5) Polyclonal Antibody, Unconjugated (bs-17519R) 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 (OSBPL5) Polyclonal Antibody, Unconjugated (bs-17519R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.