

ORP9 / OSBPL9 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2379a**Specification**

ORP9 / OSBPL9 Antibody (C-Term) - Product Information

Application	IHC, E
Primary Accession	Q96SU4
Other Accession	NP_078862.4 , NP_683702.1 , NP_683704.2 , NP_683705.1 , NP_683706.3 , NP_683707.3 , 114883
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	83185

ORP9 / OSBPL9 Antibody (C-Term) - Additional Information**Gene ID** 114883**Other Names**

Oxysterol-binding protein-related protein 9, ORP-9, OSBP-related protein 9, OSBPL9, ORP9, OSBP4

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ORP9 / OSBPL9 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ORP9 / OSBPL9 Antibody (C-Term) - Protein Information**Name** OSBPL9**Synonyms** ORP9, OSBP4

Function

Interacts with OSBPL11 to function as lipid transfer proteins (PubMed:39106189). Together they form a heterodimer that localizes at the ER-trans-Golgi membrane contact sites, and exchanges phosphatidylserine (1,2-diacyl-sn-glycero-3-phospho-L-serine, PS) for phosphatidylinositol-4-phosphate (1,2-diacyl-sn-glycero-3-phospho-(1D- myo-inositol 4-phosphate), PI(4)P) between the two organelles, a step that is critical for sphingomyelin synthesis in the Golgi complex (PubMed:39106189).

Cellular Location

Late endosome membrane. Golgi apparatus, trans-Golgi network membrane. Note=Localizes at the Golgi- late endosome interface

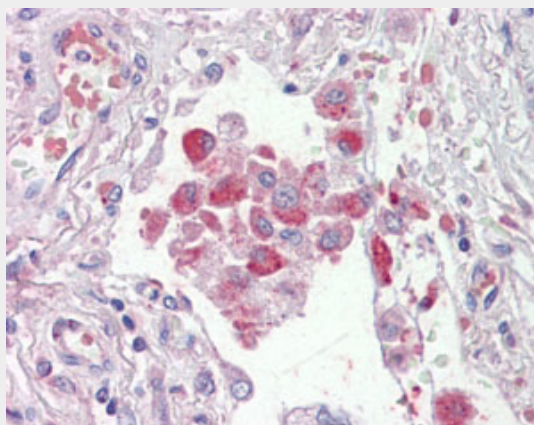
Tissue Location

Widely expressed..

ORP9 / OSBPL9 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](#)

ORP9 / OSBPL9 Antibody (C-Term) - Images

AF2379a (2.5 µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

ORP9 / OSBPL9 Antibody (C-Term) - Background

This antibody is expected to recognise all six human isoforms (NP_078862.4; NP_683702.1; NP_683704.2; NP_683705.1; NP_683706.3; NP_683707.3). Reported variants represent identical protein (NP_683702.1; NP_683703.1).

ORP9 / OSBPL9 Antibody (C-Term) - References

The OSBP-related protein family in humans. Lehto M, Laitinen S, Chinetti G, Johansson M, Ehnholm C, Staels B, Ikonen E, Olkkonen VM. J Lipid Res. 2001 Aug;42(8):1203-13. PMID: 11483621