

**ORP8 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58420****Specification**

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**ORP8 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P, IHC-F, IF       |
| Primary Accession | <a href="#">Q9BZF1</a> |
| Reactivity        | Rat, Pig, Dog, Bovine  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 101196                 |

**ORP8 Polyclonal Antibody - Additional Information****Gene ID** 114882**Other Names**

Oxysterol-binding protein-related protein 8, ORP-8, OSBP-related protein 8, OSBPL8, KIAA1451 {ECO:0000303|PubMed:10819331}, ORP8, OSBP10

**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.

**ORP8 Polyclonal Antibody - Protein Information****Name** OSBPL8**Synonyms** KIAA1451 {ECO:0000303|PubMed:10819331},**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:<a href="http://www.uniprot.org/citations/26206935" target="\_blank">26206935</a>). Binds oxysterol, 25- hydroxycholesterol and cholesterol (PubMed:<a href="http://www.uniprot.org/citations/17428193" target="\_blank">17428193</a>, PubMed:<a href="http://www.uniprot.org/citations/17991739" target="\_blank">17991739</a>, PubMed:<a href="http://www.uniprot.org/citations/21698267" target="\_blank">21698267</a>).

**Cellular Location**

[Isoform 1]: Endoplasmic reticulum membrane; Single-pass membrane protein. Nucleus

membrane. Note=The presence of the N-terminus extension contains an overall negative charge that may explain the weak localization to the cortical endoplasmic reticulum (Probable)

**Tissue Location**

Widely expressed (PubMed:11735225). Expressed at higher level in macrophages (PubMed:17991739)

**ORP8 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](#)

**ORP8 Polyclonal Antibody - Images**