

OSBP2 / ORP4 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2375a

Specification

OSBP2 / ORP4 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O969R2
Other Accession	NP_110385.1 , 23762 , 74309 (mouse)
Predicted	Human, Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	101266

OSBP2 / ORP4 Antibody (C-Term) - Additional Information

Gene ID 23762

Other Names

Oxysterol-binding protein 2, Oxysterol-binding protein-related protein 4, ORP-4, OSBP-related protein 4, OSBP2, KIAA1664, ORP4, OSBPL4

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

OSBP2 / ORP4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

OSBP2 / ORP4 Antibody (C-Term) - Protein Information

Name OSBP2

Synonyms KIAA1664, ORP4, OSBPL4

Function

Binds 7-ketocholesterol (PubMed: <http://www.uniprot.org/citations/11278871> target="_blank">11278871). Acts during spermatid development where its function is required prior to the removal of cytoplasm from the sperm head (By similarity).

Cellular Location

Membrane; Peripheral membrane protein. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q8CF21} Note=Localizes to the equatorial segment of the acrosome {ECO:0000250|UniProtKB:Q8CF21}

Tissue Location

Expressed mainly in retina, testis, and fetal liver.

OSBP2 / ORP4 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](#)

OSBP2 / ORP4 Antibody (C-Term) - Images**OSBP2 / ORP4 Antibody (C-Term) - References**

Molecular and biochemical characterization of a novel oxysterol-binding protein (OSBP2) highly expressed in retina. Moreira EF, Jaworski C, Li A, Rodriguez IR. J Biol Chem. 2001 May 25;276(21):18570-8. PMID: 11278871