



ORP1 Rabbit mAb

Catalog No	YP-rAb-17440
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,ELISA
Gene Name	OSBPL1A ORP1 OSBP8 OSBPL1 OSBPL1B
Protein Name	Oxysterol-binding protein-related protein 1
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-1:5000; IF 1:200-1:1000; ELISA 1:5000-1:20000;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	ORP1;Oxysterol-binding protein-related protein 1;OSBL1 ; Oxysterol-binding protein-related protein 1 ; ORP-1 ; OSBP-related protein 1 ;OSBPL1A ORP1 OSBP8 OSBPL1 OSBPL1B
Observed Band	105kD
Calculated Molecular Weight	105kD
Cell Pathway	Late endosome . Colocalizes with RAB7A, RAB9A and LAMP1 in late endosomes.
Tissue Specificity	Bone,Brain,Embryo,Epithelium,Kidney,Pancreas,Testicle,
Function	Binds phospholipids; exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate .,similarity:Belongs to the OSBP family .,similarity:Contains 1 PH domain.,similarity:Contains 3 ANK repeats.,subunit:Interacts with VAPA.,
Background	This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain, although some members contain only the sterol-binding domain. Transcript variants derived from alternative promoter usage and/or alternative splicing exist; they encode different isoforms. [provided by RefSeq, Jul 2008],



matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Western blot analysis of lysates from A549 cell, primary antibody was diluted at 1:1000, 4 ° over night, Dylight 800 secondary antibody was diluted at 1:10000, 37 ° 1hour.

