



OSBPL2 Mouse mAb

Catalog No	YP-mAb-18469
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	OSBPL2 KIAA0772 ORP2
Protein Name	Oxysterol-binding protein-related protein 2 (ORP-2) (OSBP-related protein 2)
Immunogen	Synthesized peptide derived from human OSBPL2
Specificity	This antibody detects endogenous levels of OSBPL2 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	53kD
Cell Pathway	Cytoplasm, cytosol . Lipid droplet . Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Detected on the surface of cytosolic lipid droplets (PubMed:19224871). Recruited to the cell membrane by phosphatidylinositol-phosphate binding (PubMed:30581148). .
Tissue Specificity	Widely expressed.
Function	Intracellular transport protein that binds sterols and phospholipids and mediates lipid transport between intracellular compartments. Increases plasma membrane cholesterol levels and decreases phosphatidylinositol-4,5-bisphosphate levels in the cell membrane . Binds phosphoinositides, such as phosphatidylinositol-4,5-bisphosphate . Exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate . Binds cholesterol, dehydroergosterol, 22(R)-hydroxycholesterol and 25-hydroxycholesterol (in vitro)
Background	



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.

Products Images