



OSBP1 rabbit pAb

Catalog No	BYab-24897
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	OSBP OSBP1
Protein Name	OSBP1
Immunogen	Synthesized peptide derived from human OSBP1 AA range: 284-334
Specificity	This antibody detects endogenous levels of OSBP1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm, cytosol . Cytoplasm, perinuclear region . Golgi apparatus membrane; Peripheral membrane protein . Endoplasmic reticulum membrane; Peripheral membrane protein . Golgi apparatus, trans-Golgi network . Predominantly cytosolic. .
Tissue Specificity	Widely expressed.
Function	domain:The PH and Ala/Gly-rich domains control cholesterol binding without affecting 25-hydroxycholesterol binding.,domain:The second coiled-coil domain is required for interaction with the tyrosine phosphatase.,function:Binds cholesterol and a range of oxysterols. Cholesterol binding promotes the formation of a complex with PP2A and a tyrosine phosphatase which dephosphorylate ERK1/2, whereas 25-hydroxycholesterol causes its disassembly. Regulates cholesterol efflux by decreasing ABCA1 stability.,similarity:Belongs to the OSBP family.,similarity:Contains 1 PH domain.,subcellular location:When bound to oxysterols, translocates to the periphery of Golgi membranes.,subunit:Homodimer or homotrimer.,tissue specificity:Widely expressed.,

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Background	Oxysterol binding protein is an intracellular protein that is believed to transport sterols from lysosomes to the nucleus where the sterol down-regulates the genes for the LDL receptor, HMG-CoA reductase, and HMG synthetase [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.

Products Images

