



# OSBP1 rabbit pAb

<b>Catalog No</b>	YP-Ab-08716
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	OSBP OSBP1
<b>Protein Name</b>	OSBP1
<b>Immunogen</b>	Synthesized peptide derived from human OSBP1 AA range: 284-334
<b>Specificity</b>	This antibody detects endogenous levels of OSBP1 at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasm, cytosol . Cytoplasm, perinuclear region . Golgi apparatus membrane; Peripheral membrane protein . Endoplasmic reticulum membrane; Peripheral membrane protein . Golgi apparatus, trans-Golgi network . Predominantly cytosolic. .
<b>Tissue Specificity</b>	Widely expressed.
<b>Function</b>	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.,
<b>Background</b>	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],

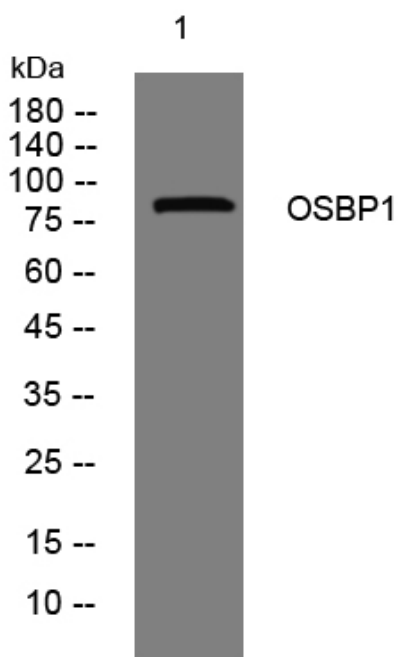
**matters needing attention**

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**



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night