

## OSBP1 rabbit pAb

Catalog No: YN3874

**Reactivity:** Human; Mouse

**Applications:** WB

Target: OSBP1

Gene Name: OSBP OSBP1

P22059

Q3B7Z2

Protein Name: OSBP1

**Human Gene Id:** 5007

**Human Swiss Prot** 

No:

Mouse Gene ld: 76303

**Mouse Swiss Prot** 

No:

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

**Dilution:** WB 1 ?500-2000

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Concentration**: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

89kD

Molecularweight:

**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],

**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.,

Subcellular Location:

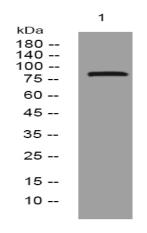
Cytoplasm, cytosol . Cytoplasm, perinuclear region . Golgi apparatus membrane; Peripheral membrane protein . Endoplasmic reticulum membrane; Peripheral membrane protein . Golgi apparatus, trans-Golgi network . Predominantly cytosolic. .

**Expression:** 

Widely expressed.

OSBP1

## **Products Images**



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