



Rabbit Anti-OSBP1 antibody

SL17515R

Product Name:	OSBP1
Chinese Name:	氧固醇Binding protein1 抗体
Alias:	OSBP 1; OSBP; OSBP1_HUMAN; Oxysterol binding protein 1; Oxysterol-binding protein 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	89kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human OSBP1:201-300/807
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>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]</p> <p>Function: Binds cholesterol and a range of oxysterols. Cholesterol binding promotes the formation</p>

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.

Subunit:

Homodimer or homotrimer. Interacts with VAPA.

Subcellular Location:

Cytoplasm. Golgi apparatus membrane. When bound to oxysterols, translocates to the periphery of Golgi membranes.

Tissue Specificity:

Widely expressed.

Similarity:

Belongs to the OSBP family.
Contains 1 PH domain.

SWISS:

P22059

Gene ID:

5007

Database links:

[Entrez Gene: 5007](#) Human

[Entrez Gene: 76303](#) Mouse

[Entrez Gene: 365410](#) Rat

[Omin: 167040](#) Human

[SwissProt: P22059](#) Human

[SwissProt: Q3B7Z2](#) Mouse

[Unigene: 597091](#) Human

[Unigene: 291279](#) Mouse

[Unigene: 107910](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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