



# OSBL1 rabbit pAb

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-08094                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>         | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>          | OSBPL1A ORP1 OSBP8 OSBPL1 OSBPL1B                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Name</b>       | OSBL1                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>          | Synthesized peptide derived from human OSBL1 AA range: 229-279                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>        | This antibody detects endogenous levels of OSBL1 at Human/Mouse/Rat                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.209% 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>           | Oxysterol-binding protein-related protein 1 (ORP-1) (OSBP-related protein 1)                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Observed Band</b>      | 105kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cell Pathway</b>       | Late endosome . Colocalizes with RAB7A, RAB9A and LAMP1 in late endosomes.                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tissue Specificity</b> | Bone,Brain,Embryo,Epithelium,Kidney,Pancreas,Testicle,                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Function</b>           | function: Binds phospholipids; exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate.,similarity: Belongs to the OSBP family.,similarity: Contains 1 PH domain.,similarity: Contains 3 ANK repeats.,subunit: Interacts with VAPA.,                                                                                                                                                                                                     |
| <b>Background</b>         | This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain, although some members contain only the sterol-binding domain. Transcript variants derived from alternative promoter usage and/or alternative splicing exist; they encode different isoforms. [provided by RefSeq, Jul 2008], |

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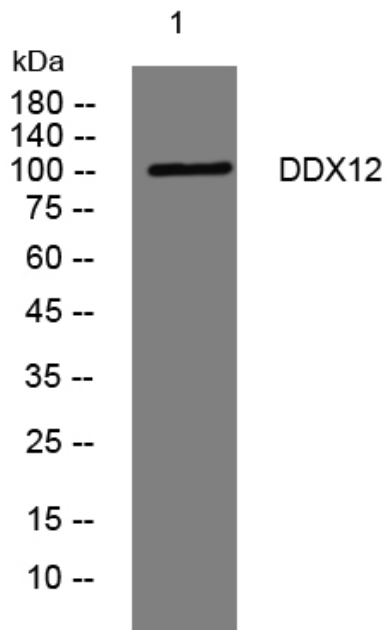
**matters needing attention**

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 A431 cells,  
primary antibody was diluted at 1:1000, 4° over night