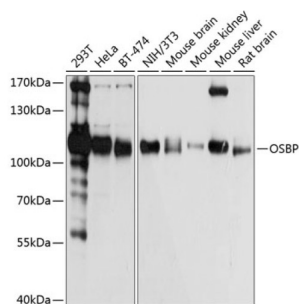
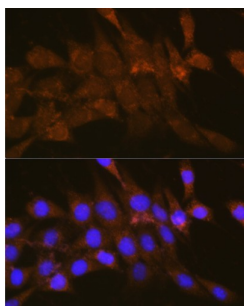


## Oxysterol Binding Protein 1 (OSBP) Antibody

Catalogue No.: abx002931



Western blot analysis of various lysates using OSBP Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.



Immunofluorescence analysis of NIH-3T3 cells using OSBP Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

OSBP Antibody is a Rabbit Polyclonal antibody against OSBP. 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.

**Target:** Oxysterol Binding Protein 1 (OSBP)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IF/ICC

**Host:** Rabbit

**Recommended dilutions:** ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 508-807 of human OSBP.

**Isotype:** IgG

**Form:** Liquid

# Datasheet

Version: 4.0.0  
Revision date: 21 Jun 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purification:</b>       | Purified by affinity chromatography.                                                                                                       |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>UniProt Primary AC:</b> | P22059 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>Gene Symbol:</b>        | OSBP                                                                                                                                       |
| <b>GeneID:</b>             | <a href="#">5007</a>                                                                                                                       |
| <b>NCBI Accession:</b>     | NP_002547.1                                                                                                                                |
| <b>KEGG:</b>               | hsa:5007                                                                                                                                   |
| <b>String:</b>             | <a href="#">9606.ENSP00000263847</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Calculated MW: 89 kDa<br>Observed MW: 110 kDa                                                                                              |
| <b>Buffer:</b>             | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.                                                                                  |
| <b>Concentration:</b>      | > 0.2 mg/ml                                                                                                                                |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |