

## OSBP Antibody

**CAB3998**

### Description

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This OSBP Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB3998  
**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** OSBP1, OSBP  
**Clone:** -  
**Applications:** **WB** **IF/ICC** **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

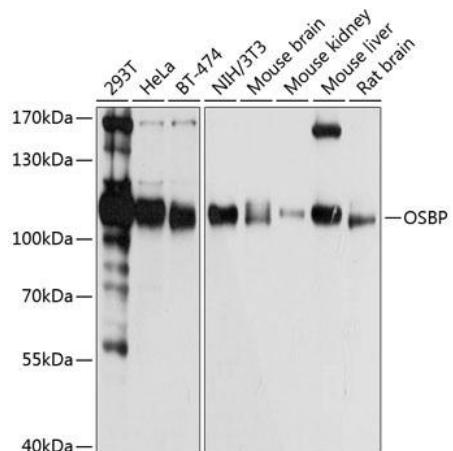
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**Gene ID:** 5007  
**Uniprot:** AB\_2765436  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 110kDa  
**Calculated MW:** 89kDa

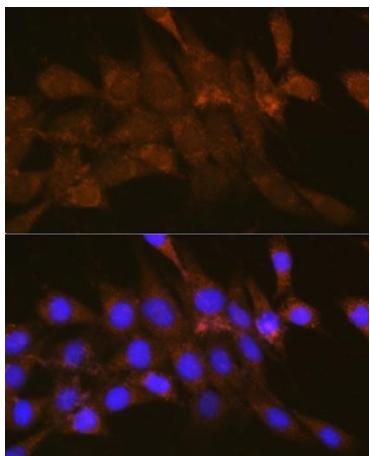
## Preparation & Storage

|   |  |    |                |        |              |       |   |
|---|--|----|----------------|--------|--------------|-------|---|
| <b>Storage:</b>                           | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.  |    |                |        |              |       |   |
|   | Store Bradford Reagent at Room Temperature for 1 Year.   |    |                |        |              |       |   |
| <b>Positive Sample:</b>                   | 293T, HeLa, BT-474, NIH/3T3, Mouse brain, Mouse kidney, Mouse liver, Rat brain   |    |                |        |              |       |   |
| <b>Recommended Dilutions:</b>             | <table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:500 - 1:2000 | IF/ICC | 1:50 - 1:200 | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| WB  | 1:500 - 1:2000   |    |                |        |              |       |   |
| IF/ICC                                    | 1:50 - 1:200   |    |                |        |              |       |   |
| ELISA                                     | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.  |    |                |        |              |       |   |
| <b>Protein Quantification (Optional):</b> | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol                               |    |                |        |              |       |   |

## Validation Data



Western blot analysis of various lysates using OSBP Rabbit pAb (CAB3998) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunofluorescence analysis of NIH-3T3 cells using OSBP Rabbit pAb (CAB3998) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.