

# Product Datasheet

## OSBP1 Antibody NB100-1500

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-1500****OSBP1 Antibody****Product Information**

|                                |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 mg   |
| <b>Concentration</b>           | 0.5 mg/ml  |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles.               |
| <b>Clonality</b>               | Polyclonal   |
| <b>Preservative</b>            | 0.02% Sodium Azide                                     |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Immunogen affinity purified                            |
| <b>Buffer</b>                  | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |
| <b>Target Molecular Weight</b> | 89 kDa   |

**Product Description**

|                    |  |
|--------------------|--|
| <b>Description</b> | Novus Biologicals Goat OSBP1 Antibody (NB100-1500) is a polyclonal antibody validated for use in WB, ELISA and IP. Anti-OSBP1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Goat   |
| <b>Gene ID</b>     | 5007   |
| <b>Gene Symbol</b> | OSBP   |
| <b>Species</b>     | Human  |
| <b>Immunogen</b>   | Peptide with sequence C-KHQLEETKKEKRTRIP corresponding to internal region according to NP_002547.1.  |

**Product Application Details**

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunoprecipitation, Peptide ELISA  |
| <b>Recommended Dilutions</b> | Western Blot 0.1 - 0.3 ug/ml, Immunoprecipitation, Peptide ELISA Detection limit 1:32000  |
| <b>Application Notes</b>     | WB: Approx. 85 kDa band observed in human placenta lysates (calculated MW of 89.4 kDa band according to NP_002547). IP reactivity reported in (PMID: 18230613). |

**Images**

Western Blot: OSBP1 Antibody [NB100-1500] - Analysis of Human Placenta lysate (35ug protein in RIPA buffer) using NB100-1500 (0.1ug/ml). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa



## Publications

Wang PY, Weng J, Anderson RG. OSBP is a cholesterol-regulated scaffolding protein in control of ERK 1/2 activation. Science 2005-03-04 [PMID: 15746430]

Amako Y, Sarkeshik A, Hotta H et al. Role of Oxysterol Binding Protein in Hepatitis C Virus infection. J Virol :JVI00958-00909. 2009-01-01 [PMID: 19570870]

Takeshita M, Ishida Y-i, Akamatsu E et al. Proanthocyanidin from Blueberry Leaves Suppresses Expression of Subgenomic Hepatitis C Virus RNA. J Biol Chem;284(32):21165-21176. 2009-01-01 [PMID: 19531480]

Storey SM, McIntosh AL, Huang H et al. Intracellular cholesterol-binding proteins enhance HDL-mediated cholesterol uptake in cultured primary mouse hepatocytes Am J Physiol Gastrointest Liver Physiol 2012-04-15 [PMID: 22241858]

Romeo GR, Kazlauskas A. Oxysterol Diabetes Activate STAT3 Control Endothelial Expression of Profilin-1 via OSBP1. J Biol Chem;283(15):9595-605. 2008-04-11 [PMID: 18230613]





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### **Products Related to NB100-1500**

|                 |  |
|-----------------|--|
| NBL1-13984      | OSBP1 Overexpression Lysate  |
| NB100-1500PEP   | OSBP1 Peptide  |
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control   |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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