



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# OSR1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_005100.1

Catalog No. A301-579A

GeneID 9943

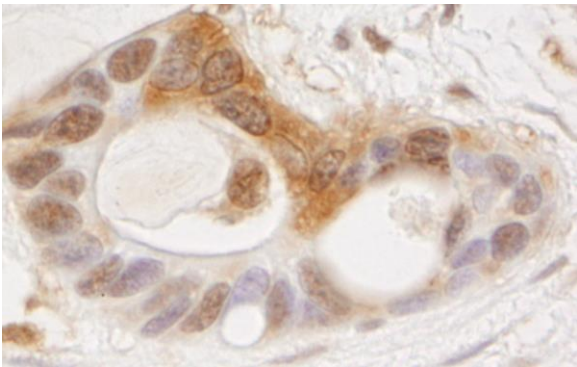
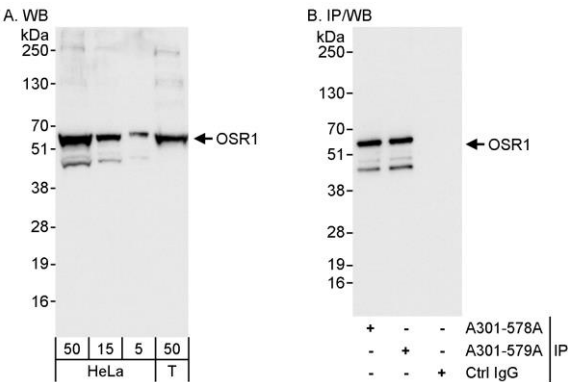
Lot No. A301-579A-1



|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |                    |                     |                    |                      |                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|---------------------|--------------------|----------------------|------------------------------------------------------------------------------------------------------|
| <b>APPLICATIONS</b>          | WB, IP, IHC                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                    |                     |                    |                      |                                                                                                      |
| <b>SPECIES REACTIVITY</b>    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                    |                     |                    |                      |                                                                                                      |
| <b>PRESUMED REACTIVITY</b>   | Based on 100% sequence identity, this antibody is predicted to react with Mouse and Orangutan                                                                                                                                                                                                                                                                                                                                                                                      |              |                    |                     |                    |                      |                                                                                                      |
| <b>AMOUNT</b>                | 100 µl                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                    |                     |                    |                      |                                                                                                      |
| <b>CONCENTRATION</b>         | 200 µg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                    |                     |                    |                      |                                                                                                      |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8° C / 1 year from date of receipt                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                    |                     |                    |                      |                                                                                                      |
| <b>PHYSICAL STATE</b>        | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                    |                     |                    |                      |                                                                                                      |
| <b>BUFFER</b>                | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                    |              |                    |                     |                    |                      |                                                                                                      |
| <b>ISOTYPE</b>               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                    |                     |                    |                      |                                                                                                      |
| <b>ORIGIN</b>                | USA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                    |                     |                    |                      |                                                                                                      |
| <b>PRODUCTION PROCEDURES</b> | <p>Antibody was affinity purified using an epitope specific to OSR1 immobilized on solid support.</p> <p>The epitope recognized by A301-579A maps to a region between residue 375 and 425 of human oxidative-stress responsive 1 using the numbering given in entry NP_005100.1 (GeneID 9943).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>                                                 |              |                    |                     |                    |                      |                                                                                                      |
| <b>APPLICATIONS</b>          | <p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table> | Western Blot | 1:2,000 – 1:10,000 | Immunoprecipitation | 2 – 5 µg/mg lysate | Immunohistochemistry | 1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. |
| Western Blot                 | 1:2,000 – 1:10,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                    |                     |                    |                      |                                                                                                      |
| Immunoprecipitation          | 2 – 5 µg/mg lysate                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                    |                     |                    |                      |                                                                                                      |
| Immunohistochemistry         | 1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.                                                                                                                                                                                                                                                                                                                                                                               |              |                    |                     |                    |                      |                                                                                                      |
| <b>APPLICATION NOTES</b>     | <p>Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.</p>                                                                                                                          |              |                    |                     |                    |                      |                                                                                                      |
| <b>IHC HUMAN CONTROLS</b>    | Colon Carcinoma, Ovarian Carcinoma                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                    |                     |                    |                      |                                                                                                      |
| <b>ADDITIONAL INFO</b>       | <p><a href="https://www.bethyl.com/product/A301-579A">https://www.bethyl.com/product/A301-579A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a></p>                                                                                                                      |              |                    |                     |                    |                      |                                                                                                      |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



**Detection of human OSR1 by western blot and immunoprecipitation.** *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-OSR1 antibody A301-579A used for WB at 0.04 µg/ml (A) and 0.1 µg/ml (B) and used for IP at 3 µg/mg lysate. OSR1 was also immunoprecipitated by rabbit anti-OSR1 antibody A301-578A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 1 second (A and B).

**Detection of human OSR1 by immunohistochemistry.** *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- OSR1 (Cat. No. A301-579A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB