

# Product Datasheet

## OGR1 Antibody - BSA Free

### NLS1195

Unit Size: 0.05 ml

Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.

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**NLS1195**

OGR1 Antibody - BSA Free

**Product Information**

|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.05 ml                                                                                               |
| <b>Concentration</b> | 1.0 mg/ml                                                                                             |
| <b>Storage</b>       | Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles. |
| <b>Clonality</b>     | Polyclonal                                                                                            |
| <b>Preservative</b>  | 0.1% Sodium Azide                                                                                     |
| <b>Isotype</b>       | IgG                                                                                                   |
| <b>Purity</b>        | Immunogen affinity purified                                                                           |
| <b>Buffer</b>        | PBS                                                                                                   |

**Product Description**

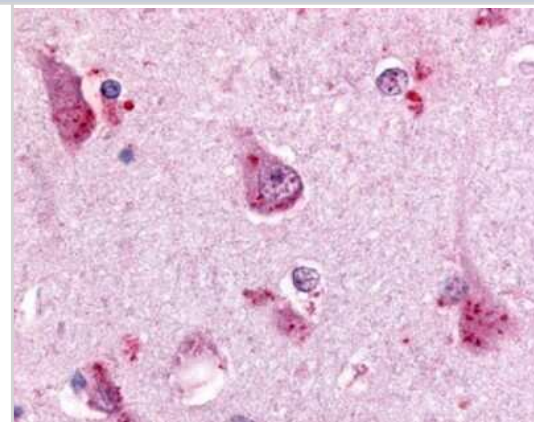
|                                |                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Product can be stored undiluted at 4C for up to 1 month.                                                           |
| <b>Host</b>                    | Rabbit                                                                                                             |
| <b>Gene ID</b>                 | 8111                                                                                                               |
| <b>Gene Symbol</b>             | GPR68                                                                                                              |
| <b>Species</b>                 | Human                                                                                                              |
| <b>Reactivity Notes</b>        | Predicted cross-reactivity based on sequence identity: Gibbon (100%), Marmoset (95%), Rabbit (85%), Porcine (80%). |
| <b>Specificity/Sensitivity</b> | Human OGR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.                  |
| <b>Immunogen</b>               | Synthetic 20 aa peptide from C-terminus of human OGR1.                                                             |

**Product Application Details**

|                              |                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunocytochemistry                                           |
| <b>Recommended Dilutions</b> | ELISA 1:100 - 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 5 - 7.5 ug/ml, Immunocytochemistry 1:10 - 1:500 |

**Images**

Immunohistochemistry-Paraffin: OGR1 Antibody [NLS1195] - Analysis in human brain, cortex.

**Publications**

Liu X, Liu Y, Yang RX et al. Loss of myeloid Tsc2 predisposes to angiotensin II-induced aortic aneurysm formation in mice Cell death & disease 2022-11-18 [PMID: 36400753] (Mouse)



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### **Products Related to NLS1195**

|             |                                                     |
|-------------|-----------------------------------------------------|
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit IgG Isotype Control                          |
| 462-TEC-010 | TRANCE/TNFSF11/RANK L [Unconjugated]                |

### **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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