

## Product Datasheet

### OX1R and OX2R Antibody (orb19864)

|                             |                                                                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb19864                                                                                                                                                    |
| <b>Category</b>             | Antibodies                                                                                                                                                  |
| <b>Description</b>          | Goat polyclonal antibody to Orexin Receptor                                                                                                                 |
| <b>Target</b>               | OX1R and OX2R                                                                                                                                               |
| <b>Clonality</b>            | Polyclonal                                                                                                                                                  |
| <b>Conjugation</b>          | Unconjugated                                                                                                                                                |
| <b>Reactivity</b>           | Human, Mouse, Rat                                                                                                                                           |
| <b>Predicted Reactivity</b> | Bovine, Canine, Porcine                                                                                                                                     |
| <b>Buffer/Preservatives</b> | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| <b>Purification</b>         | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                       |
| <b>Protein Sequence</b>     | YNFLSGKFREQFK                                                                                                                                               |
| <b>RRID</b>                 | AB_10748555                                                                                                                                                 |
| <b>MW</b>                   | 47.5; 50.7                                                                                                                                                  |
| <b>Tested applications</b>  | ELISA, WB                                                                                                                                                   |
| <b>Dilution range</b>       | ELISA: 1:32000, WB: 0.3-1 µg/ml                                                                                                                             |

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**Application notes**

ELISA: Peptide ELISA: antibody detection limit dilution 1:32000.WB: Approx 48kDa band observed in Human Brain (Frontal Cortex), Mouse Brain and Rat Brain lysates (calculated MW of 47.5kDa according to NP\_001516.1 and NP\_001517.1). Recommended concentration: 0.3-1 µg/ml.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

For research use only

**Entrez**

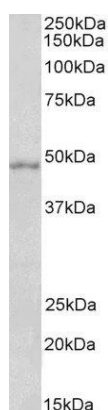
**3061, 3062**

**Expiration Date**

12 months from date of receipt.



Western blot analysis of Human Frontal Cortex lysate using HCRT1 antibody



Western blot analysis of Mouse Brain lysate using HCRT1 antibody

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