

# GOAT ANTI-GRIN2D ANTIBODY

SKU: EB08328



## SPECIFICATIONS

|                              |                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                                                                                                                                                                                                                                                               |
| <b>Unit Size</b>             | 100 µg                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonym / Alias Names</b> | GRIN2D glutamate receptor, ionotropic, N-methyl D-aspartate 2D EB11 NMDAR2D N-methyl-D-aspartate receptor subunit 2D estrogen receptor binding CpG island                                                                                                                                                                                                                                                     |
| <b>Accession ID</b>          | NP_000827.2                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Blocking Peptide</b>      | EBP08328                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>             | Peptide with sequence C-TRRGSAHFSSLESE, from the C Terminus of the protein sequence according to NP_000827.2.                                                                                                                                                                                                                                                                                                 |
| <b>Peptide Sequence</b>      | C-TRRGSAHFSSLESE                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                                                                                                                                                                         |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Predicted Species</b>     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Human Gene ID</b>         | 2906                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Mouse Gene ID</b>         | 14814                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Rat Gene ID</b>           | 24412                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png</a>                                                                                                                                                                       |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:32000.                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Western Blot</b>          | Preliminary experiments gave an approx 80kDa band in Human Brain (Cerebellum) and in Mouse Brain and Rat Brain lysates after 0.02µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 144kDa according to NP_000827.2. The 80kDa band was successfully blocked by incubation with the immunizing peptide. |

**Application**  
**Type**      Pep-ELISA

## DOCUMENTS

- [Data Sheet](#)