

## GRIN2B Antibody | anti-GRIN2B antibody

GRIN2B (Phospho-Ser1303) Antibody

|                               |                                        |                                            |
|-------------------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA110343</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|----------------------------------------|--------------------------------------------|

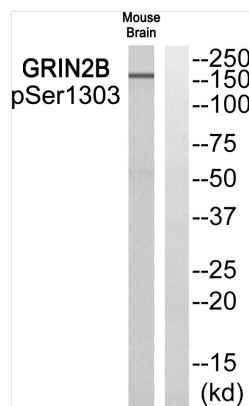
### PRODUCT SYNONYMS

GRIN2B; GRIN2B (Phospho-Ser1303) Antibody; Glutamate [NMDA] receptor subunit epsilon 2 precursor; hNR3; N-methyl D-aspartate receptor subtype 2B; N-methyl-D-aspartate receptor subtype 2B; N-methyl-D-aspartate receptor subunit 3; NMDE2; NME2; NR2B; NR3; anti-GRIN2B antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                      | GRIN2B (Phospho-Ser1303) antibody detects endogenous levels of GRIN2B only when phosphorylated at serine 1303.                                                                                                                                      |
| Purity/Purification                              | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                      | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                  | 1484                                                                                                                                                                                                                                                |
| Applicable Applications for anti-GRIN2B antibody | ELISA, WB (Western Blot)                                                                                                                                                                                                                            |
| Immunogen                                        | The antiserum was produced against synthesized phosphopeptide derived from human GRIN2B around the phosphorylation site of serine 1303 (Q-H-SP-Y-D).                                                                                                |
| All Sites                                        | Human: Ser1303<br>Mouse: Ser1303<br>Rat: Ser1303                                                                                                                                                                                                    |
| Preparation and Storage                          | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from Mouse brain cells, using GRIN2B (Phospho-Ser1303) antibody.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-GRIN2B antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                         | Adams S.L., Biochim. Biophys. Acta 1260:105-108(1995). Hess S.D., J. Pharmacol. Exp. Ther. 278:808-816(1996). Mandich P., Submitted (FEB-1997) to the EMBL/GenBank/DDBJ databases.                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 167003331                                          |
| NCBI GeneID                      | 2904                                               |
| NCBI Accession #                 | NP_000825.2                                        |
| NCBI GenBank Nucleotide #        | NM_000834.4                                        |
| UniProt Accession #              | Q13224; Q12919; Q13220; Q13225; Q14CU4; Q9UM56     |
| Molecular Weight                 | 166,367 Da                                         |
| NCBI Official Full Name          | glutamate receptor ionotropic, NMDA 2B             |
| NCBI Official Synonym Full Names | glutamate ionotropic receptor NMDA type subunit 2B |
| NCBI Official Symbol             | GRIN2B                                             |
| NCBI Official Synonym Symbols    | NR3; MRD6; NR2B; hNR3; EIEE27; GluN2B; NMDAR2B     |
| NCBI Protein Information         | glutamate receptor ionotropic, NMDA 2B             |
| UniProt Protein Name             | Glutamate receptor ionotropic, NMDA 2B             |
| UniProt Gene Name                | GRIN2B                                             |
| UniProt Synonym Gene Names       | NMDAR2B; NR2B; NR3; hNR3                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/grin2b/110343>