

## Rabbit NMDAR2B Polyclonal Antibody | anti-NMDAR2B antibody

Rabbit anti-NMDAR2B Antibody

| CATALOG # | HOST   | REACTIVITY             | APPLICATIONS                       |
|-----------|--------|------------------------|------------------------------------|
| AAA221525 | Rabbit | Human, Mouse, Rat, Dog | Immunohistochemistry, Western Blot |

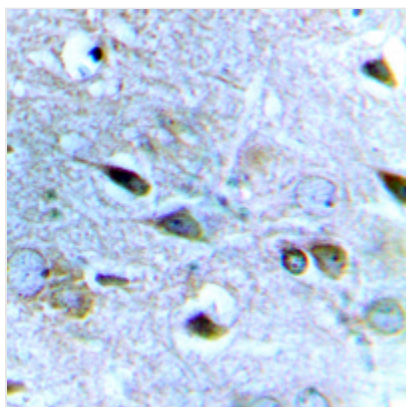
### PRODUCT SYNONYMS

NMDAR2B; Polyclonal Antibody; Rabbit anti-NMDAR2B Antibody; Glutamate receptor ionotropic; NMDA 2B; GluN2B; Glutamate [NMDA] receptor subunit epsilon-2; N-methyl D-aspartate receptor subtype 2B; NR2B; N-methyl-D-aspartate receptor subunit 3; NR3; hNR3; anti-NMDAR2B antibody

### PRODUCT SPECIFICATIONS

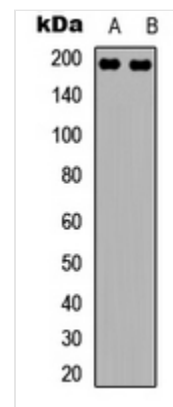
|                                                   |                                                                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                 |
| Reactivity                                        | Human, Mouse, Rat, Dog                                                                                                                 |
| Clonality                                         | Polyclonal                                                                                                                             |
| Purity/Purification                               | The antibody was purified by immunogen affinity chromatography.                                                                        |
| Form/Format                                       | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                              |
| Concentration                                     | 1mg/mL (varies by lot)                                                                                                                 |
| Applicable Applications for anti-NMDAR2B antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                          |
| Immunogen                                         | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NMDAR2B. The exact sequence is proprietary. |
| Preparation and Storage                           | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of NMDAR2B staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of NMDAR2B expression in Jurkat (A), mouse brain (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                    |
|-----------------------------------------------------|--------------------|
| Product Categories/Family for anti-NMDAR2B antibody | Primary antibodies |
|-----------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 167003331                                                                                                                                                                                                         |
| NCBI GeneID                      | 2904                                                                                                                                                                                                              |
| NCBI Accession #                 | NP_000825.2                                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_000834.3                                                                                                                                                                                                       |
| UniProt Accession #              | Q13224; Q01097; Q00960                                                                                                                                                                                            |
| Molecular Weight                 | 166,367 Da                                                                                                                                                                                                        |
| NCBI Official Full Name          | glutamate receptor ionotropic, NMDA 2B                                                                                                                                                                            |
| NCBI Official Synonym Full Names | glutamate receptor, ionotropic, N-methyl D-aspartate 2B                                                                                                                                                           |
| NCBI Official Symbol             | GRIN2B                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | MRD6; NR2B; hNR3; GluN2B; NMDAR2B                                                                                                                                                                                 |
| NCBI Protein Information         | glutamate receptor ionotropic, NMDA 2B; NR3; glutamate receptor subunit epsilon-2; N-methyl-D-aspartate receptor subunit 3; N-methyl D-aspartate receptor subtype 2B; glutamate [NMDA] receptor subunit epsilon-2 |
| UniProt Protein Name             | Glutamate receptor ionotropic, NMDA 2B                                                                                                                                                                            |
| UniProt Gene Name                | GRIN2B                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | NMDAR2B; GluN2B; NMDAR2B; NR2B; NR3; hNR3                                                                                                                                                                         |
| UniProt Entry Name               | NMDE2_HUMAN                                                                                                                                                                                                       |

**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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