

## Rabbit GRIN2D Polyclonal Antibody | anti-GRIN2D antibody

GRIN2D Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA169483</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

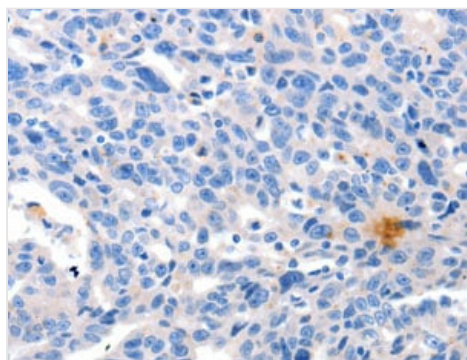
### PRODUCT SYNONYMS

GRIN2D; Polyclonal Antibody; GRIN2D Polyclonal Antibody; EB11; NR2D; GluN2D; NMDAR2D; anti-GRIN2D antibody

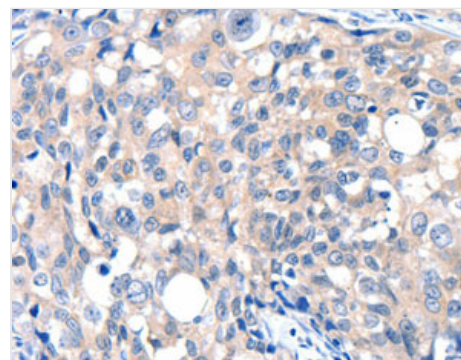
### PRODUCT SPECIFICATIONS

|                                                  |                                                    |
|--------------------------------------------------|----------------------------------------------------|
| Host                                             | Rabbit                                             |
| Reactivity                                       | Human, Mouse, Rat                                  |
| Clonality                                        | Polyclonal                                         |
| Isotype                                          | IgG                                                |
| Purity/Purification                              | Affinity purification                              |
| Form/Format                                      | PBS with 0.05% sodium azide, 50% glycerol, pH7.3   |
| Applicable Applications for anti-GRIN2D antibody | IHC (Immunohistochemistry), ELISA                  |
| Immunogen                                        | Synthetic peptide of human GRIN2D                  |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using GRIN2D Polyclonal Antibody at dilution 1:30



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using GRIN2D Polyclonal Antibody at dilution 1:30

### ADDITIONAL INFORMATION

#### Related Product Information for anti-GRIN2D antibody

N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C), and NMDAR2D (GRIN2D).

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 153946391                                                                                                                                                                                                     |
| NCBI GeneID                      | 2906                                                                                                                                                                                                          |
| NCBI Accession #                 | NP_000827.2                                                                                                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_000836.2                                                                                                                                                                                                   |
| UniProt Accession #              | O15399                                                                                                                                                                                                        |
| NCBI Official Full Name          | glutamate receptor ionotropic, NMDA 2D                                                                                                                                                                        |
| NCBI Official Synonym Full Names | glutamate receptor, ionotropic, N-methyl D-aspartate 2D                                                                                                                                                       |
| NCBI Official Symbol             | GRIN2D                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | EB11; NR2D; GluN2D; NMDAR2D                                                                                                                                                                                   |
| NCBI Protein Information         | glutamate receptor ionotropic, NMDA 2D; N-methyl D-aspartate receptor subtype 2D; N-methyl-d-aspartate receptor subunit 2D; estrogen receptor binding CpG island; glutamate [NMDA] receptor subunit epsilon-4 |
| UniProt Protein Name             | Glutamate receptor ionotropic, NMDA 2D                                                                                                                                                                        |
| UniProt Gene Name                | <b>GRIN2D</b>                                                                                                                                                                                                 |
| UniProt Synonym Gene Names       | GluN2D; NMDAR2D; GluN2D; NMDAR2D; NR2D                                                                                                                                                                        |
| UniProt Entry Name               | NMDE4_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grin2d-antibody-immunohistochemistry-elisa/169483>