

## GRIN2B Polyclonal Antibody

catalog number: E-AB-70263

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

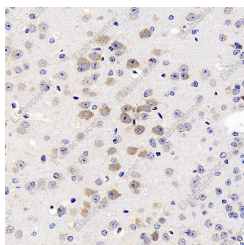
|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Mouse;Rat                                                                                                 |
| <b>Immunogen</b>    | Recombinant protein corresponding to Mouse NMDAR2B                                                        |
| <b>Host</b>         | Rabbit                                                                                                    |
| <b>Isotype</b>      | Rabbit IgG                                                                                                |
| <b>Purification</b> | Affinity purification                                                                                     |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol. |

### Applications

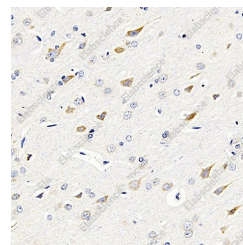
### Recommended Dilution

|     |             |
|-----|-------------|
| IHC | 1:200-1:800 |
|-----|-------------|

### Data



Immunohistochemistry analysis of paraffin-embedded mouse brain using GRIN2B Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded rat brain using GRIN2B Polyclonal Antibody at dilution of 1:200.

### Preparation & Storage

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor 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 three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain.

### For Research Use Only

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Rev. V1.7