

A10081

Leader in Biomolecular Solutions for Life Science



# GRIN3B Rabbit pAb

Catalog No.: A10081

## Basic Information

### Observed MW

135kDa

### Calculated MW

113kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Rat

## Background

The protein encoded by this gene is a subunit of an N-methyl-D-aspartate (NMDA) receptor. The encoded protein is found primarily in motor neurons, where it forms a heterotetramer with GRIN1 to create an excitatory glycine receptor. Variations in this gene have been proposed to be linked to schizophrenia.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

116444

### Swiss Prot

O60391

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 180-410 of human GRIN3B (NP\_619635.1).

### Synonyms

NR3B; GluN3B; GRIN3B

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

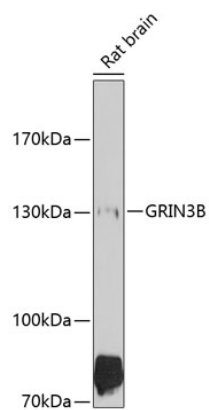
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of lysates from rat brain, using GRIN3B Rabbit pAb (A10081) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.