

# GRIN2D Rabbit pAb

Catalog No.: A10080 **1 Publications**

## Basic Information

**Catalog No.**

A10080

**Observed MW**

170kDa

**Calculated MW**

143kDa

**Category**

Primary antibody

**Applications**

WB

**Cross-Reactivity**

Human, Mouse, Rat

## Recommended Dilutions

**WB** 1:500 - 1:2000

## Background

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).

## Immunogen Information

**Gene ID**

2906

**Swiss Prot**

O15399

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 330-480 of human GRIN2D (NP\_000827.2).

**Synonyms**

GRIN2D;EB11;EIEE46;GluN2D;NMDAR2D;NR2D;NMDA 2D

## Contact

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

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

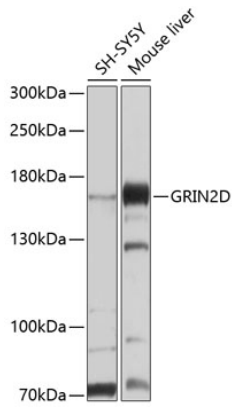
**Storage**

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 extracts of various cell lines, using GRIN2D antibody (A10080) at 1:1000 dilution.

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

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.