

## GRIN2D Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP00817
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human GRIN2D Polyclonal
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Glutamate [NMDA] receptor subunit epsilon-4
Synonyms	Glutamate [NMDA] receptor subunit epsilon-4 (EB11;N-methyl D-aspartate receptor subtype 2D;NMDAR2D;NR2D); Glutamate [NMDA; receptor subunit epsilon-4; EB11; N-methyl D-aspartate receptor subtype 2D; NMDAR2D; NR2D)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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).

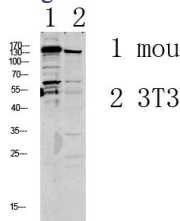
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year