

## 35-1756: Polyclonal Antibody to NMDANR2B Subunit

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Rat,Mouse,Human
<b>Gene :</b>	GRIN2B
<b>Gene ID :</b>	2904
<b>Uniprot ID :</b>	Q13224
<b>Format :</b>	Purified
<b>Alternative Name :</b>	GRIN2B, NMDE2, NME2, NR2B, NR3
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.1250-1254(N-L-Y-D-I) derived from Human NMDANR2B Subunit.

### Description

NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine. In concert with DAPK1 at extrasynaptic sites, acts as a central mediator for stroke damage. Its phosphorylation at Ser-1303 by DAPK1 enhances synaptic NMDA receptor channel activity inducing injurious Ca<sup>2+</sup> influx through them, resulting in an irreversible neuronal death

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 180kd, Western blotting: 1:500~1:1000

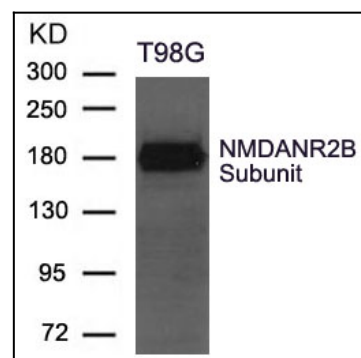


Figure 1: Western blot analysis of extract from T98G cells using NMDANR2B Subunit Antibody 35-1756