

35-1756: Polyclonal Antibody to NMDANR2B Subunit

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Gene :	GRIN2B
Gene ID :	2904
Uniprot ID :	Q13224
Format :	Purified
Alternative Name :	GRIN2B, NMDE2, NME2, NR2B, NR3
Isotype :	Rabbit IgG
Immunogen Information :	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 Ca²⁺ influx through them, resulting in an irreversible neuronal death

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	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

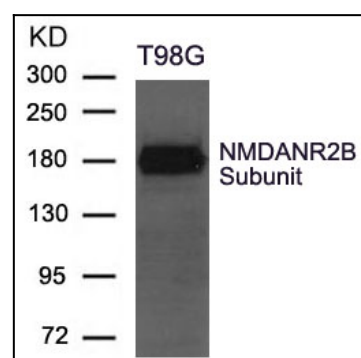


Figure 1: Western blot analysis of extract from T98G cells using NMDANR2B Subunit Antibody 35-1756