

PACO21517

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:1000

Protein Background:

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 Kurschner C. , Mermelstein P. G. , Holden W. T. , Surmeier D. J. Mol. Cell. Neurosci. 11:161-172(1998).

Gene ID:

Grin2b

Uniprot

Q00960

Synonyms:

NMDAR2B; NR2B;

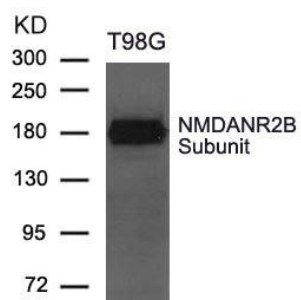
Immunogen:

Peptide sequence around aa.1250-1254(N-L-Y-D-I) derived from Human NMDAR2B Subunit.

Storage:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western blot analysis of extract from T98G cells using NMDANR2B Subunit Antibody.