

**NMDAR2B Recombinant Rabbit mAb**

Catalog: BS47661

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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  $\text{Ca}^{2+}$  influx through them, resulting in an irreversible neuronal death.

**Product:**

Store at  $-20^{\circ}\text{C}$ . Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

**Molecular Weight:**

166 kDa

**Swiss-Prot:**

Q01097

**Purification&Purity:**

Affinity Purification

**Applications:**

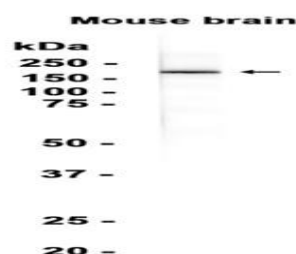
WB: 1:1000

**Storage&Stability:**

Store at  $4^{\circ}\text{C}$  short term. Aliquot and store at  $-20^{\circ}\text{C}$  long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of extracts from Mouse brain tissue using

BS47661 at 1: 1000.

**Note:**

For research use only, not for use in diagnostic procedure.

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