

**NMDAR2B Recombinant Rabbit mAb**

Catalog: BS49870

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a member of the N-methyl-D-aspartate (NMDA) receptor family within the ionotropic glutamate receptor superfamily. The encoded protein is a subunit of the NMDA receptor ion channel which acts as an agonist binding site for glutamate. The NMDA receptors mediate a slow calcium-permeable component of excitatory synaptic transmission in the central nervous system. The NMDA receptors are heterotetramers of seven genetically encoded, differentially expressed subunits including NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The early expression of this gene in development suggests a role in brain development, circuit formation, synaptic plasticity, and cellular migration and differentiation. Naturally occurring mutations within this gene are associated with neurodevelopmental disorders including autism spectrum disorder, attention deficit hyperactivity disorder, epilepsy, and schizophrenia. [provided by RefSeq, Aug 2017]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl,

40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:**Swiss-Prot:**

Q13224, Q01097, Q00960

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000
IHC-P: 1:200-1:1000
IP: 1:20-1:50

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:**Note:**

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

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