

Phospho-NMDAR2B (Ser1303) Rabbit pAb

db20662

Package : 20µL 50µL 100µL

Product Name : Phospho-NMDAR2B (Ser1303) Rabbit pAb**Cat.No.:** db20662**Synonyms** : NR3; MRD6; NR2B; hNR3; EIEE27; GluN2B; NMDAR2B**Application** : WB, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser1303 of human NMDAR2B

Gene ID

2904

Swiss Prot

Q13224

Synonyms

NR3; MRD6; NR2B; hNR3; EIEE27; GluN2B; NMDAR2B

Reactivity

Human, Mouse, Rat

Application

WB, ICC/IF

Recommended dilution

WB: 1:1000

ICC/IF: 1:20

Calculated MW

166 kDa

Observed MW

200 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°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.