
NMDAR2B (Tyr1336) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252562

Unit: 0.1 ml

Description:

Glutamate [NMDA] receptor subunit epsilon-2 (N-methyl D-aspartate receptor subtype 2B receptor or NMDA NR2B) is a NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. NMDA NR2B forms heteromeric channel of a zeta subunit, a epsilon subunit (GRIN2A, GRIN2B, GRIN2C or GRIN2D) and a third subunit (GRIN3A or GRIN3B). NMDA NR2B is primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells. Phosphorylation of Tyr1336 is thought to potentiate NMDA receptor-dependent influx of calcium and ischemia may also increase the phosphorylation of this site.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, Mk

Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Glutamate [NMDA] receptor subunit epsilon-2; N-methyl D-aspartate receptor subtype 2B; NMDAR2B; NR2B; N-methyl-D-aspartate receptor subunit 3; hNR3; NR3; GRIN2B; NMDA NR2B Subunit

Accession No.: Q00960

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Try1336 of rat NMDA NR2B.

Application Notes: E: 1:1,000; WB: 1:1,000; IHC: 1:400

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.