NMDAR2B (Tyr1252) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody
Cat. No.: 252561
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 sprimarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells. Phosphorylation of Tyr1252 is thought to potentiate NMDA receptor-dependent influx of calcium.

Isotype: Rabbit Ig
Applications: E, WB, IHC
Species Reactivity: B, D, Ck, H, M, Zf
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 Tyr1252 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.