

NR2B Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250787

Unit: 0.1 mg

Description:

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

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

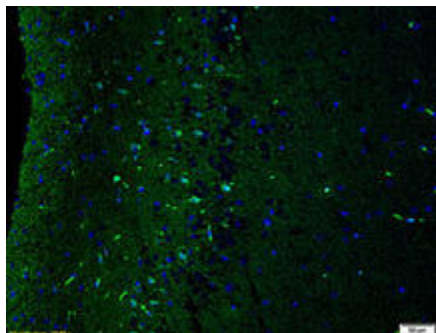
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

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

Accession No.: Q13224

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human NR2B.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



NR2B staining in rat brain. Formalin-fixed paraffin-embedded rat brain is stained with NR2B Antibody (Cat. No. 250787) used at 1:200 dilution. Secondary goat anti-rabbit FITC-conjugated antibody and DAPI staining are used.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Xie W et al. 2012. Research Atricle. PLoS ONE. 7(9): e45575. PMID# 23029109

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