
NR1 Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253182

Unit: 0.1 ml

Description:

N-methyl-D-aspartate receptor subunit NR1 (NMDAR1) is an NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. This receptor plays a key role in synaptic plasticity, synaptogenesis, excitotoxicity, memory acquisition and learning.

Isotype: Mouse IgG1

Applications: E, WB, IP

Species Reactivity: R, M

Format: Each vial contains 0.1 mg IgG lyophilized from culture supernatant in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide.

Alternate Names: Glutamate [NMDA] receptor subunit zeta-1; N-methyl-D-aspartate receptor subunit NR1; NMDAR1; NMD-R1; N-methyl-d-aspartate receptor 1

Accession No.: P35439

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of rat NMDA NR1 subunit.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000; IP: 1:250

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.