

NMDAR2C Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251438

Unit: 0.1 mg

Description:

N-Methyl-D-Aspartate Receptor 2C (NMDAR2C) is a receptor subtype of glutamate-gated ion channels. NMDAR2C possesses high calcium permeability and voltage-dependent sensitivity to magnesium. NMDA receptors are found in the CNS where they have an important role in physiological processes such as learning, memory, and synaptic development. The NMDA receptor is a tetramer of different subunits, typically heterodimer of subunit 1 with one or more subunits 2A-D. Alterations in the subunit composition of the receptor are associated with pathophysiological conditions, such as Parkinson's disease, Alzheimer's disease, depression or schizophrenia.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

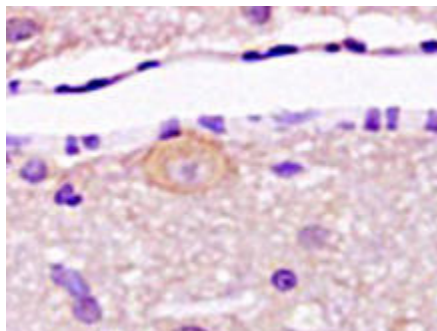
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 0.1 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

Alternate Names: NMDAR2C; N-methyl-D-aspartate receptor 2C subunit; NR2C; Glutamate receptor ionotropic N methyl D aspartate 2C; GRIN2C; N methyl D aspartate receptor channel subunit epsilon 3; NMDE3

Accession No.: O15398

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NMDAR2C.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



NMDAR2C staining in rat brain. Formalin-fixed paraffin-embedded rat brain tissue is stained with NMDAR2C Antibody (Cat. No. 251438) used at 1:200 dilution.

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.