

NMDAε2 Rabbit Polyclonal Antibody

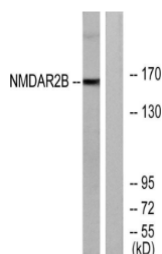
OPR5659

Reactivity H,M,R
Host Rabbit
Isotype IgG

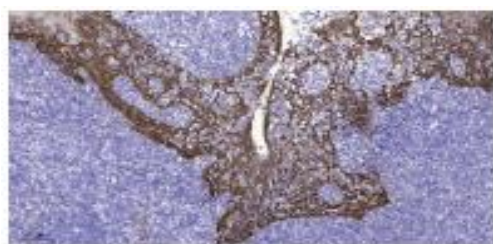
Storage -20 °C, Avoid freeze/ thaw cycles
Applications WB;IHC;IF;ELISA
Concentration 1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of lysates from Jurkat cells, using NMDAR2B Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min)

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human NMDAR2B. AA range:1435-1484

Swissprot Q13224

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

Product Information

Observed MW 165 kDa

Buffer PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Dilution WB:1/500-1/2000.;IHC:1/100-1/300;ELISA: 1/5000

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

Background

N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain.

Research Use

For research use only, not for use in diagnostic procedure.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry;ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish;X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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