3050 Spruce Street, St. Louis, MO 63103 USA
Tel: (800) 521-8956 (314) 771-5765 Fax: (800) 325-5052 (314) 771-5757
email: techservice@sial.com sigma-aldrich.com

Product Information

Anti-Glutamate Receptor NMDAR2C (NR2C)
produced in rabbit, affinity isolated antibody

Catalog No. **M266**

Product Description

Antibody was produced in rabbit using as immunogen the N-terminal portion of NR2C (amino acids 25-130).

For the localization and detection of the N-methyl-D-aspartate R2C (NR2C) subunit of the NMDA glutamate receptor

Can be used in immunoblotting, immunoprecipitation. immunohistochemistry and immunofluorescence

This antibody labels the 140 kDa NR2C subunit of the NMDA receptor in immunoblotting on rat cerebellum; also labels the 180 kDa NR2A and NR2B bands. Labeling is blocked by preadsorption of the antibody with the immunogen. It will work on rat, mouse, and human tissues.

Reagent

Supplied as a lyophilized powder from 5 mM ammonium bicarbonate. Some residual salt may be present upon reconstitution.

Reconstitute in 50 µL sterile PBS.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Product Profile

Immunoblotting: a working dilution of 1:1000 is recommended.

Immunohistochemistry and immunofluorescence: a working dilution of 1:1000 is recommended using frozen sections.

Immunoprecipitation: 3 µL per 200 µg lysate is recommended.

Storage

For continuous use, store at –20 °C. For extended storage, solution may be frozen at –20 °C in working aliquots. Storage in “frost-free” freezers is not recommended. Repeated freezing and thawing is not recommended.

References

1. Yung, K. K. *Neuroreport* **9**, 1639-1644 (1998).
2. Monyer, H. et al. *Science* **256**, 1217-1221 (1992).

IDC,PHC 04/12-1