

Anti-GluN2A(GluRε1, NR2A)

(NMDA-type glutamate receptor subunit 2A)

Product Information:

1) Catalog #:	MSFR102720
Item Name:	GluN2A (NR2A) pAb (Rb) 20ug
Size :	20μg (affinity-purified with antigen polypeptide)
Species :	Rabbit
Product Code :	GluRe1C-Rb-Af542
RRID :	AB_2571605
2) Catalog #:	MSFR102730
Item Name:	GluN2A (NR2A) pAb (Rb) 50ug
Size :	50μg (affinity-purified with antigen polypeptide)
Species :	Rabbit
Product Code :	GluRe1C-Rb-Af542
RRID :	AB_2571605

Formulation : Liquid ; 200 μg/ml in PBS with 0.05% NaN₃.

Storage : Store at cool temp. (2-10°C)

The antibody can be stored at 2-10°C. The antibody can be also aliquoted and stored at -80 °C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit, polyclonal

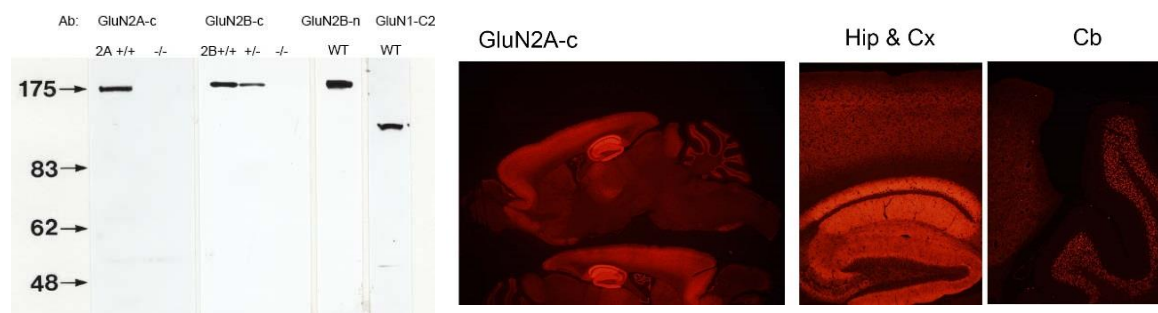
Antigen : mouse GluRε1 (NR2A),

C-terminal 1126-1408 aa by Meguro et al., 1992 (1148-1430aa in D10217)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 175kDa, with no cross reactivity to other iGluR subunits, including GluRε2 (NR2B).

See the reference 1 for immunoblot and immunohistochemistry.



ご注意 : 本商品には 0.1 % 未満のアジ化ナトリウムが入っています。 誤って目や口に入ったり、皮膚に付着した場合は大量の水で洗い流してください。

Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks : For immunohistochemistry for neuronal iGluRs, users should adopt postembedding immunogold for electron microscopic detection and protease predigestion for light microscopic detection (see the below reference). For glial GluR, these antigen-exposing methods are not necessary (unpublished information).

Reference : 1) Watanabe, M., Fukaya, M., Sakimura, K., Manabe, T., Mishina, M., and Inoue, Y. (1998) Selective scarcity of NMDA receptor channel subunits in the stratum lucidum (mossy fiber-recipient layer) of the hippocampal CA3 subfield. **Eur. J. Neurosci.** 10:478-487.
2) Fukaya, M., Kato, A., Lovett, C., Tonegawa, S., Watanabe, M. (2003) Retention of NMDA receptor NR2 subunits in the lumen of endoplasmic reticulum in targeted NR1 knockout mice. **Proc. Natl. Acad. Sci. USA** 100:4855-4860.

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