

Anti-GluA3 (GluR3)

(AMPA-type glutamate receptor subunit-3)

Product Information:

1) Catalog #:	MSFR102350
Item Name:	GluA3 (GluR3) pAb (Rb) 20ug
Size :	20µg (affinity-purified with antigen polypeptide)
Species :	Rabbit
Product Code :	GluR3C-Rb-Af1090
RRID :	AB_2571598
2) Catalog #:	MSFR102360
Item Name:	GluA3 (GluR3) pAb (Rb) 50ug
Size :	50µg (affinity-purified with antigen polypeptide)
Species :	Rabbit
Product Code :	GluR3C-Rb-Af1090
RRID :	AB_2571598
3) Catalog #:	MSFR102370
Item Name:	GluA3 (GluR3) pAb (Go) 20ug
Size :	20µg (affinity-purified with antigen polypeptide)
Species :	Goat
Product Code :	GluR3C-Go-Af440
RRID :	AB_2571599
4) Catalog #:	MSFR102380
Item Name:	GluA3 (GluR3) pAb (Go) 50ug
Size :	50µg (affinity-purified with antigen polypeptide)
Species :	Goat
Product Code :	GluR3C-Go-Af440
RRID :	AB_2571599

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.

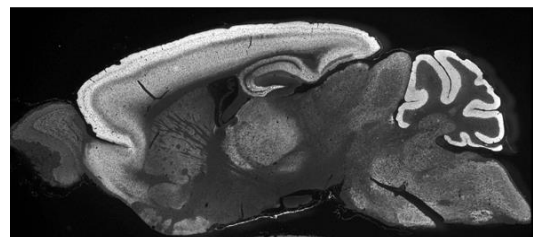
Species : rabbit / goat, polyclonal

Antigen : mouse GluA3, C-terminal

853-883 aa (AB022342 ; LTKNTQNFKPAPATNTQNYATYREGYNVYGT)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 100kDa, with no cross reactivity to other iGluR subunits, including GluA2. Lack of signal in GluA3-KO brain.



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 For glial GluR, these antigen-exposing methods are not necessary (unpublished information).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) Nagy, G.G., Al-Ayyan, M., Andrew, D., Fukaya, M., Watanabe, M., Todd, A.J. (2004) Widespread expression of the AMPA receptor GluR2 subunit at glutamatergic synapses in the rat spinal cord and phosphorylation of GluR1 in response to noxious stimulation revealed with an antigen unmasking method. **J. Neurosci.** 24:5766-5777.

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。

Distributor : NITTOBO MEDICAL CO., LTD
TEL : +81-(0)3-4582-5451
email : nmd-tokuhan@nittobogrp.com

Manufacture : FRONTIER INSTITUTE CO., LTD