

Anti-GLAST

(plasmalemmal glutamate transporter GLAST)

Code Number : GLAST-Rb-Af660 (rabbit, RRID : AB_2571715)
: GLAST-Go-Af960 (goat, RRID : AB_2571716)
: GLAST-GP-Af1000 (guinea pig, RRID : AB_2571717)

Size : 20 µg and 50 µg / See label on vial
(affinity-purified with antigen polypeptide)

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

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

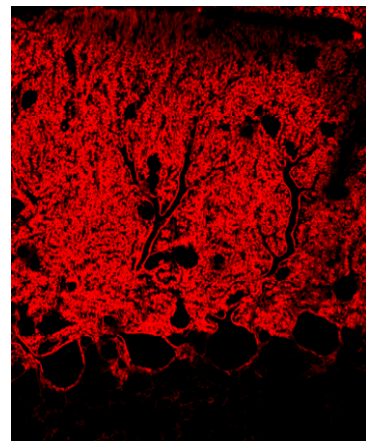
The antibody can be stored at 2-10°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

Species : rabbit / guinea pig / goat, polyclonal

Antigen : mouse GLAST, C-terminal 41aa
(NM148938)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 60-65 kDa.
This selectively stains the radial glia-astrocyte lineage
in the central nervous system.



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 : Rabbit, guinea pig, and goat antibodies are similar in titer and specificity.

Reference : 1) Shibata, T., Yamada, K., Watanabe, M., Ikenaka, K., Wada, K., Tanaka, K., and Inoue, Y. (1997) Glutamate transporter GLAST is expressed in the radial glia-astrocyte lineage of developing mouse spinal cord. **J. Neurosci.** 17:9212-9219.

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

- 2) Yamada, K., Fukaya, M., Shibata, T., Kurihara, H., Tanaka, K., Inoue, Y., Watanabe, M. (2000) Dynamic transformation of Bergmann glial fibers proceeds in correlation with dendritic outgrowth and synapse formation of cerebellar Purkinje cells. **J. Comp. Neurol.** 418:106-120.
- 3) Watase, K., Hashimoto, K., Kano, M., Yamada, K., Watanabe, M., Inoue, Y., Okuyama, S., Sakagawa, T., Ogawa, S., Kawashima, N., Hori, S., Takimoto, M., Wada, K., and Tanaka, K. (1998) Motor discoordination and increased susceptibility to cerebellar injury in GLAST mutant mice. **Eur. J. Neurosci.** 10:976-988.

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