

Anti-GLT1

(plasmalemmal glutamate transporter GLT1)

Product Information:

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| 1) | Catalog #: | MSFR102190 |
| | Item Name: | GLT1 pAb (Rb) 20ug |
| | Size : | 20µg (affinity-purified with antigen polypeptide) |
| | Species : | Rabbit |
| | Product Code : | GLT1-Rb-Af670 |
| | RRID : | AB_2571718 |
| 2) | Catalog #: | MSFR102200 |
| | Item Name: | GLT1 pAb (Rb) 50ug |
| | Size : | 50µg (affinity-purified with antigen polypeptide) |
| | Species : | Rabbit |
| | Product Code : | GLT1-Rb-Af670 |
| | RRID : | AB_2571718 |
| 3) | Catalog #: | MSFR102210 |
| | Item Name: | GLT1 pAb (Go) 20ug |
| | Size : | 20µg (affinity-purified with antigen polypeptide) |
| | Species : | Goat |
| | Product Code : | GLT1-Go-Af760 |
| | RRID : | AB_2571719 |
| 4) | Catalog #: | MSFR102220 |
| | Item Name: | GLT1 pAb (Go) 50ug |
| | Size : | 50µg (affinity-purified with antigen polypeptide) |
| | Species : | Goat |
| | Product Code : | GLT1-Go-Af760 |
| | RRID : | AB_2571719 |
| 5) | Catalog #: | MSFR102230 |
| | Item Name: | GLT1 pAb (GP) 20ug |
| | Size : | 20µg (affinity-purified with antigen polypeptide) |
| | Species : | Guinea pig |
| | Product Code : | GLT1-GP-Af810 |
| | RRID : | AB_2571720 |
| 6) | Catalog #: | MSFR102240 |
| | Item Name: | GLT1 pAb (GP) 50ug |
| | Size : | 50µg (affinity-purified with antigen polypeptide) |
| | Species : | Guinea pig |
| | Product Code : | GLT1-GP-Af810 |
| | RRID : | AB_2571720 |
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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 / guinea pig / goat , polyclonal

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。

Antigen : mouse GLT1, C-terminal 33aa
(NM001077514)

Specificity : mouse (others not tested)

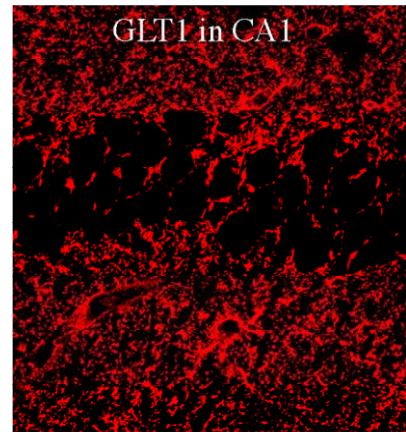
Immunoblot detects a single protein band at 60-70 kDa.
This is expressed first in neurons during fetal and neonatal stages, and switched to astrocytes.

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) Yamada, K., Watanabe, M., Shibata, T., Nagashima, M., Tanaka, K., and Inoue, Y. (1998) Glutamate transporter GLT-1 is transiently localized on growing axons of the mouse spinal cord before establishing astrocytic expression. **J. Neurosci.**18:5706-5713.
2) Tanaka, K., Watase, K., Manabe, T., Yamada, K., Watanabe, M., Iwama, H., Nishikawa, T., Ichihara, N., Kikuchi, T., Okuyama, S., Kawashima, N., and Wada, K. (1997) Epilepsy and exacerbation of brain injury in mice lacking the glutamate transporter GLT-1. **Science** 276:1699-1702.



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