

Anti-EAAT4

(plasmalemmal glutamate transporter EAAT4)

Product Information:

1) Catalog #:	MSFR101430
Item Name:	EAAT4 pAb (Rb) 20ug
Size :	20µg (affinity-purified with antigen polypeptide)
Species :	Rabbit
Product Code :	EAAT4-Rb-Af390
RRID :	AB_2571695
2) Catalog #:	MSFR101440
Item Name:	EAAT4 pAb (Rb) 50ug
Size :	50µg (affinity-purified with antigen polypeptide)
Species :	Rabbit
Product Code :	EAAT4-Rb-Af390
RRID :	AB_2571695

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

(affinity-purified with antigen polypeptide)

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.

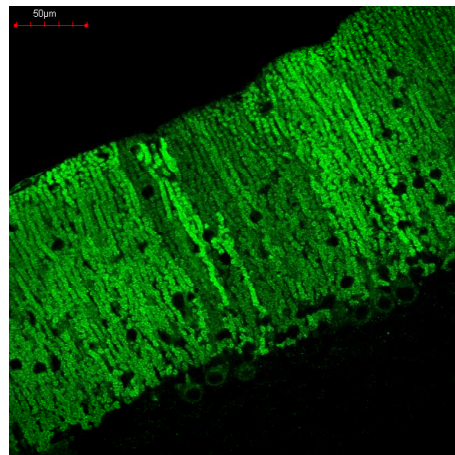
Species : rabbit, polyclonal

Antigen : mouse EAAT4, 1-20 aa (D83262)

Specificity : Mouse (others not tested)

Immunoblot detects a single protein band at 68 kDa.

This selectively stains extra synaptic dendritic surface of cerebellar Purkinje cells.



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.

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。

Remarks : High and low expression in two Purkinje cell populations yield banded pattern of immunolabeling across the cerebellum.

Reference : 1) Yamada, K., Watanabe, M., Shibata, T., Tanaka, K., Wada, K., and Inoue, Y. (1996) EAAT4 is a post-synaptic glutamate transporter at Purkinje cell synapses. **Neuroreport**. 7:2013-2017.
2) Tanaka, J., Ichikawa, R., Watanabe, M., Tanaka, K., and Inoue, Y. (1997) Extra-junctional localization of glutamate transporter EAAT4 at excitatory Purkinje cell synapses. **Neuroreport** 8:2461-2464.

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