

## ***Anti-EAAT4***

*(plasmalemmal glutamate transporter EAAT4)*

**Code Number** : EAAT4-Rb-Af390 (rabbit, RRID : AB\_2571695)

**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% NaN<sub>3</sub>.  
(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 aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

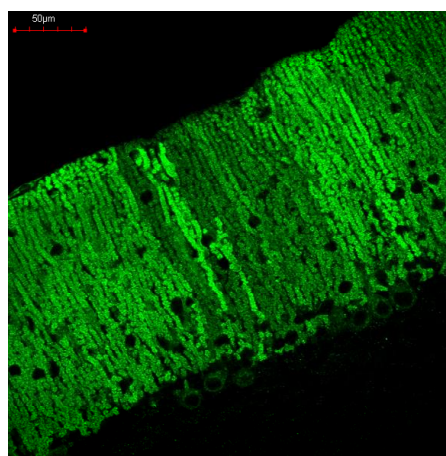
**Species** : rabbit, polyclonal

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

**Specificity** : Mouse (others not tested)

Immunoblot detects a single protein band at 68 kDa.

This selectively stains extrasynaptic 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.

**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**.

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。

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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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