胶质细胞谷氨酸运载蛋白 1 抗体

产品货号： mlR23310

英文名称： EAAT1

中文名称： 胶质细胞谷氨酸运载蛋白 1 抗体

别　　名： EA6; EAAT1; Excitatory amino acid transporter 1; FLJ25094; GLAST; GLAST1; Glial high affinity glutamate transporter; High affinity neuronal glutamate transporter; Slc1a3; Sodium dependent glutamate/aspartate transporter; EAA1_HUMAN.

研究领域： 神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human, Mouse, Rat, Cow,

产品应用： WB=1:500-2000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 60kDa

细胞定位： 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human EAAT1:451-542/542 <Extracellular>

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： This gene encodes a member of a member of a high affinity glutamate transporter family. This gene functions in the termination of excitatory neurotransmission in central nervous system. Mutations are

associated with episodic ataxia, Type 6. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2014]

Function:

Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium.

Subcellular Location:

Membrane; Multi-pass membrane protein

Tissue Specificity:

Highly expressed in cerebellum, but also found in frontal cortex, hippocampus and basal ganglia.

Post-translational modifications:

Glycosylated.

DISEASE:

Defects in SLC1A3 are the cause of episodic ataxia type 6 (EA6) [MIM:612656]. EA6 is characterized by episodic ataxia, seizures, migraine and alternating hemiplegia.

Similarity:

Belongs to the sodium:dicarboxylate (SDF) symporter (TC 2.A.23) family. SLC1A3 subfamily.

SWISS:

P43003

Gene ID:

6507

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片