

## $\gamma$ 氨基丁酸运载蛋白 1 抗体

产品货号： mlR6617

英文名称： GAT1/GABA Transporter 1

中文名称：  $\gamma$  氨基丁酸运载蛋白 1 抗体

别名： GABATHG; GABATR; GABT 1; GABT1; GAT-1; SLC6A1; Sodium and chloride dependent GABA transporter 1; Solute carrier family 6 (neurotransmitter transporter GABA) member 1; Solute carrier family 6 member 1.

研究领域： 细胞生物 神经生物学 转运蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Guinea Pig,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

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

分子量：66kDa

细胞定位：细胞浆 细胞膜

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human GABA Transporter 1:151-250/599  
<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：GABA Transporter 1/GAT1 is a gamma-amino butyric acid (GABA) transporter. After its release

from interneurons in the CNS, the major inhibitory neurotransmitter GABA is taken up by GABA transporters (GATs). The predominant neuronal GABA transporter GAT1 is localized in GABAergic axons and nerve terminals, where it is thought to influence GABAergic synaptic transmission by removing GABA from the synaptic cleft.

**Function:**

Terminates the action of GABA by its high affinity sodium-dependent reuptake into presynaptic terminals.

**Subunit:**

Interacts with MPP5.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein. Membrane; Multi-pass membrane protein. Note=Localized at the plasma membrane and in a subset of intracellular vesicles. Localized at the presynaptic terminals of interneurons.

**Similarity:**

Belongs to the sodium:neurotransmitter symporter (SNF) (TC 2.A.22) family. SLC6A1 subfamily.

**SWISS:**

P30531

**Gene ID:**

6529

**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

