

EAAT2 (12G19) Rabbit Monoclonal Antibody

Catalog# UZ-MA01463

Product information

产品货号	UZ-MA01463
别名	GLT1; Eaat2; GLT-1; MGLT1; AI159670; 1700091C19Rik; 2900019G14Rik
产品名称	EAAT2 (12G19) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IP,IF-P
反应种属	Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of mouse EAAT2
稀释度	WB 1:1000, IHC-P/IF-P 1:200-1:2000, IP 1:20-1:50
参考分子量	65kDa
预测分子量	62kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	Sodium-dependent, high-affinity amino acid transporter that mediates the uptake of L-glutamate and also L-aspartate and D-aspartate (PubMed:7698742, PubMed:7557442, PubMed:9373176). Functions as a symporter that transports one amino acid molecule together with two or three Na ⁺ ions and one proton, in parallel with the counter-transport of one K ⁺ ion. Mediates Cl ⁻ flux that is not coupled to amino acid transport; this avoids the accumulation of negative charges due to aspartate and Na ⁺ symport (By similarity). Essential for the rapid removal of released glutamate from the synaptic cleft, and for terminating the postsynaptic action of glutamate (PubMed:9180080).
纯化	Affinity Purification
Uniprot ID	P43006
Clonality	Monoclonal