

产品名称: EAAT2 Rabbit Monoclonal Antibody
产品货号: AMRe86785



产品概述 (Summary)

产品名称 (Production Name)	EAAT2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
种属反应性 (Reactivity)	Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EAAT2
别名 (Alternative Names)	GLT1; Eaat2; GLT-1; MGLT1; AI159670; 1700091C19Rik; 2900019G14Rik
基因 ID (Gene ID)	20511
蛋白 ID (SwissProt ID)	P43006.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:2000,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW:62 kDa; Observed MW:65 kDa

研究背景 (Background)

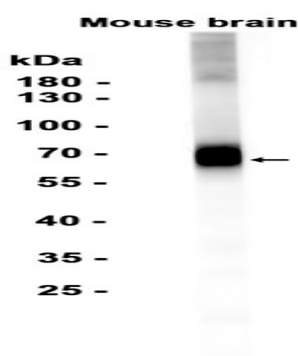
产品名称: EAAT2 Rabbit Monoclonal Antibody
产品货号: AMRe86785



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).

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of extracts from Mouse brain tissue using AMRe86785 at 1:3000.

注意事项 (Note)

For research use only .