EAAT2 Rabbit pAb

db587 **Package : 20μL 50μL 100μL**

Product Name : EAAT2 Rabbit pAb
Cat.No.: db587
Synonyms : GLT1; Eaat2; GLT-1; MGLT1; AI159670; 1700091C19Rik; 2900019G14Rik
Application : WB, IHC, IP
Reactivity : Mouse, Rat
Host species : Rabbit

Background	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).
Immunogen	Recombinant protein of mouse EAAT2
Gene ID	20511
Swiss Prot	P43006
Synonyms	GLT1; Eaat2; GLT-1; MGLT1; AI159670; 1700091C19Rik; 2900019G14Rik
Reactivity	Mouse, Rat
Application	WB, IHC, IP
Recommended dilution	WB: 1:1000 IHC: 1:200 IP: 1:20
Calculated MW	62 kDa
Observed MW	65 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.