Recombinant DGRmAb®

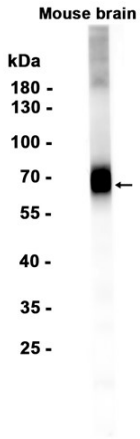
EAAT2 (DGR14568) Rabbit mAb

db15271 **Package : 10μL 20μL 50μL 100μL**

Product Name : EAAT2 (DGR14568) Rabbit mAb
Cat.No.: db15271
Synonyms : GLT1; Eaat2; GLT-1; MGLT1; AI159670; 1700091C19Rik; 2900019G14Rik
Application : WB, IHC-P, 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	A synthetic peptide of mouse EAAT2
Gene ID	20511
Swiss Prot	P43006
Synonyms	GLT1; Eaat2; GLT-1; MGLT1; AI159670; 1700091C19Rik; 2900019G14Rik
Reactivity	Mouse,Rat
Application	WB, IHC-P, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:2000 IP: 1:20-1:50
Calculated MW	62 kDa
Observed MW	65 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14568

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.



Western blot analysis of extracts from Mouse brain tissue using db15271 at 1:3000.