

Recombinant

DGRmAb®

EAAT2 (DGR11698) Rabbit mAb

db15928

Package : 10µL 20µL 50µL 100µL

Product Name : EAAT2 (DGR11698) Rabbit mAb**Cat.No.:** db15928**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

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-P, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000
IP: 1:20-1:50**Calculated MW**

62 kDa

Observed MW

65 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11698

| | |
|-------------------|---|
| 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. |

