

## EAAT2 Rabbit Polyclonal Antibody(A223)

Catalog TDY524C TDY524F

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Quantity 50μL 100μL

Entrez-Gene ID# 6506, Swiss-Prot Acc.#P43004

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H,R,M	~62KD	IgG

**Storage Buffer & Condition:** Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

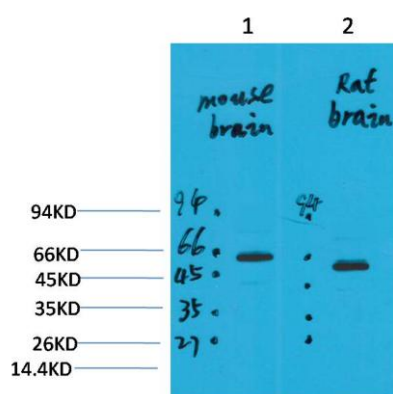
**Recommended dilutions:**WB: 1:1,000-2,000

**Optimal dilutions should be determined by the end user.**

**Specificity:** Antibody can detects endogenous EAAT2 protein.

**Alternative Names:** Excitatory amino acid transporter 2, Slca2, GLT1

**Background:** Excitatory amino acid transporters (EAATs) regulate and maintain extracellular glutamate concentrations below excitotoxic levels. In addition, glutamate transporters may limit the duration of synaptic excitation by an electrogenic process in which the transmitter is cotransported with three sodium ions and one proton, followed by countertransport of a potassium ion.



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with EAAT2 Rabbit pAb TDY524 diluted at 1:2,000.