

Product Name: EAAT2 Rabbit Monoclonal Antibody**Catalog #: AMRe83946**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.49mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,ICC 1:50-1:200,IP 1:20-1:50
Molecular Weight	62 kDa

Antigen Information

Gene Name	EAAT2
Alternative Names	EAAT2; Slc1a2;;EAAT2
Gene ID	
SwissProt ID	P43004
Immunogen	A synthesized peptide derived from human EAAT2

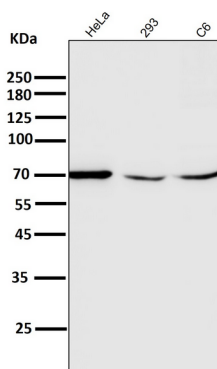
Background

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

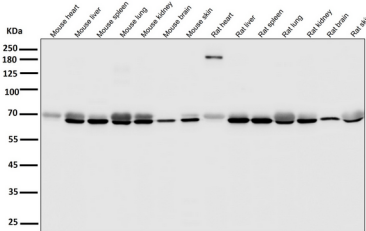
transmitter is cotransported with three sodium ions and one proton, followed by countertransport of a potassium ion.

Research Area

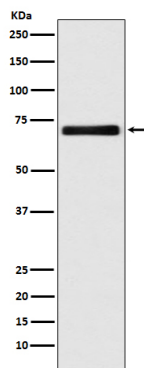
Image Data



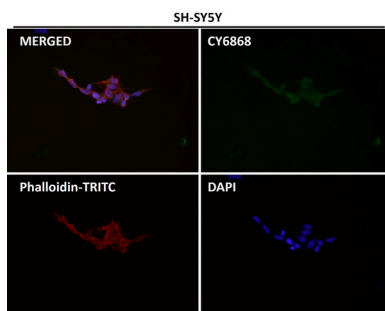
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of EAAT2 expression in HeLa cell lysate.



Immunofluorescent analysis using the Antibody at 1:50 dilution.