

Cat. No:	AB-82459
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein oh human EAAT2 / GLT-1 / SLC1A2
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:2,500 Immunohistochemistry: 1: 100 Immunofluorescence: 1:100
Molecular Weight:	65 kDA
Purification:	Immunogen affinity purified.
Background:	<p>This gene encodes a member of a family of solute transporter proteins. The membrane-bound protein is the principal transporter that clears the excitatory neurotransmitter glutamate from the extracellular space at synapses in the central nervous system. Glutamate clearance is necessary for proper synaptic activation and to prevent neuronal damage from excessive activation of glutamate receptors. Mutations in and decreased expression of this protein are associated with amyotrophic lateral sclerosis. Alternatively spliced transcript variants of this gene have been identified.</p>
Form:	Liquid
Buffer:	PBS (pH7.4) with 0.02% sodium azide, 50% glycerol pH 7.3.
Storage:	Ship at 2-8°C . Store at RT for short term. Store at -20°C for one year. Avoid repeated freeze and thaw cycles.

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