

SLC1A2

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:5000

Calculated MW: 62kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human SLC1A2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HBGT; EAAT2; GLT-1;

Catalog #: A0910

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6506

Isotype: IgG

Swiss Prot: P43004

Purity: Affinity purification

For research use only.

Background:

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.

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