

## SLC1A2

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**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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