

SLC1A1

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 57kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human SLC1A1

Storage Buffer:

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

Synonym:

EAAT3;EAAC1;

Catalog #: A2903

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6505

Isotype: IgG

Swiss Prot: P43005

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the high-affinity glutamate transporters that play an essential role in transporting glutamate across plasma membranes. In brain, these transporters are crucial in terminating the postsynaptic action of the neurotransmitter glutamate, and in maintaining extracellular glutamate concentrations below neurotoxic levels. This transporter also transports aspartate, and mutations in this gene are thought to cause dicarboxylic amino aciduria, also known as glutamate-aspartate transport defect.

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