

EAAT2 Antibody

Catalog No: tcna5057

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Available Sizes

Size: 100ug

Specifications

Application:

WB

Species Reactivity:

Human, Mouse, Rat

Host Species:

Rabbit

Immunogen / Amino acids:

Human partial recombinant protein (AA 461-574) was used as the immunogen for this EAAT2 antibody.

Conjugation:

Antigen affinity purified

Clonality:

Polyclonal

Isotype: Rabbit IgG

Form: Lyophilized powder

Storage Buffer:

0.5mg/ml if reconstituted with 0.2ml sterile DI water

Recommended Dilution:

Western blot: 0.5-1ug/mlThe stated application concentrations are suggested starting amounts. Titration of the EAAT2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

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Storage Instruction:

After reconstitution, the EAAT2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Gene ID:

6506 (human);

References

Antigen affinity purified

Product Description

SLC1A2 is also known as EAAT2 or GLT-1. This gene encodes a member of a family of solute transporter proteins. The membranebound 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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