

Product Datasheet

EAAT2 Antibody



Catalog No: CY6868

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP

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Information

UniProt ID: P43004

All Names: EAAT2; Excitatory amino acid transporter 2; Glial high affinity glutamate transporter; GLT1; Glutamate aspartate transporter II; Glutamate transporter 1; Glutamate/aspartate transporter II; Slc1a2; Sodium dependent glutamate aspartate transporter 2; solute carrier family 1 (glial high affinity glutamate transporter), member 2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 62 kDa

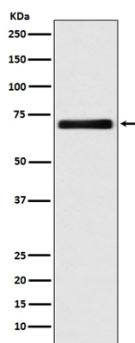
Application

WB 1:500~1:2000

IP 1:50

Background

Excitatory amino acid transporters (EAATs) regulate and maintain extracellular glutamate concentrations below excitotoxic levels. In addition, glutamate transporters may limit the duration of synaptic excitation by an electrogenic process in which the transmitter is cotransported with three sodium ions and one proton, followed by countertransport of a potassium ion.



Western blot analysis of EAAT2 expression in HeLa cell lysate.

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