
GLAST-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251379

Unit: 0.1 mg

Description:

Sodium-dependent glutamate/aspartate transporter 1 (GLAST-1) transports L-glutamate and also L- and D-aspartate. GLAST-1 is essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. GLAST-1 acts as a symport by cotransporting sodium. Defects in GLAST-1 are the cause of episodic ataxia type 6 (EA6). EA6 is characterized by episodic ataxia, seizures, migraine and alternating hemiplegia.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: EAAT1; GLAST-1; Excitatory amino acid transporter 1; Sodium-dependent glutamate/aspartate transporter 1; Solute carrier family 1 member 3; SLC1A3; GLAST; GLAST1

Accession No.: P43003

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GLAST-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.