

EAAT3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252103

Unit: 0.1 mg

Description:

Excitatory amino acid transporter 3 (EAAT3) transports L-glutamate and L- and D-aspartate, which is essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. Defects in EAAT3 have been linked to dicarboxylicamino aciduria, also known as glutamate-aspartate transport defect. This is a defect in renal and intestinal transport of glutamic and aspartic acid and is associated with moderate hyperprolinemia.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

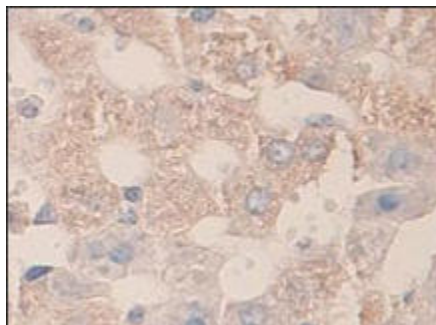
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.5 % BSA with 0.09% sodium azide. Antibody was purified by immunogen-affinity chromatography.

Alternate Names: Excitatory amino acid transporter 3; Sodium-dependent glutamate/aspartate transporter 3; Excitatory amino-acid carrier 1; Neuronal and epithelial glutamate transporter; Solute carrier family 1 member 1; SLC1A1; EAAC1; EAAT3

Accession No.: P43005

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human EAAT3.

Application Notes: E: 1:1,000-1:10,000; WB: 1:200-1:1,000; IHC: 1:50-1:200



EAAT3 staining in rat liver. Paraffin-embedded rat liver is stained with EAAT3 Antibody (Cat. No. 252103) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Kawamoto E et al. 2012. Karger. Neuro-Signals. 21(1-2):75-88. PMID# 22572473

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