EB11283 - Goat Anti-SLC1A7 (38-51) Antibody

Size: 100µg specific antibody in 200µl

International Office

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Target Protein

Principal Names: AAAT, EAAT5, excitatory amino acid transporter 5, excitatory amino acid transporter 5 (retinal glutamate transporter), FLJ36602, retinal glutamate transporter, solute carrier family 1 (glutamate transporter), member 7, solute carrier family 1 member 7, SLC1A7
Official Symbol: SLC1A7
Accession Number(s): NP_006662.3
Human GeneID(s): 6512
Non-Human GeneID(s): 242607 (mouse)

Immunogen

Peptide with sequence C-RTRRLSPQEISYFQ, from the internal region (near N Terminus) of the protein sequence according to NP_006662.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Preliminary experiments gave an approx 100kDa band in Human Heart lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 60.7kDa according to NP_006662.3. The 100kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Mouse, Dog, Pig, Cow