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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11282 - Goat Anti-SLC1A7 / EAAT5 Antibody

Size: 100µg specific antibody in 200µl



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 SLNHCTIQISELETN, from the C 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 1:16000.

Western blot: Preliminary experiments gave an approx 75kDa band in Human Heart, Liver and Skeletal Muscle lysates after 0.1µg/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 75kDa 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, Cow