

GOAT ANTI-SLC1A7 / EAAT5 ANTIBODY

SKU: EB11282



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / AAAT| EAAT5| excitatory amino acid transporter 5| excitatory amino acid transporter 5 (retinal glutamate

Alias transporter| FLJ36602| retinal glutamate transporter| solute carrier family 1 (glutamate transporter), member 7|

Names solute carrier family 1 member 7|SLC1A7

Accession ID NP_006662.3

Blocking Peptide EBP11282

Immunogen Peptide with sequence SLNHCTIQISELETN, from the C Terminus of the protein sequence according to NP_006662.3.

Peptide Sequence SLNHCTIQISELETN

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human, Mouse, Cow

Human Gene ID 6512

Mouse Gene ID 242607

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png

ELISA

Detection Limit 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?

Application Pep-ELISA
Type

DOCUMENTS

- [Data Sheet](#)