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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 / Alias 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
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 Type	Pep-ELISA

DOCUMENTS

- Data Sheet