

# GOAT ANTI-SLC1A7 / EAAT5 ANTIBODY

**SKU:** EB11282



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	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
<b>Accession ID</b>	NP_006662.3
<b>Blocking Peptide</b>	EBP11282
<b>Immunogen</b>	Peptide with sequence SLNHCTIQISELTN, from the C Terminus of the protein sequence according to NP_006662.3.
<b>Peptide Sequence</b>	SLNHCTIQISELTN
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Cow
<b>Human Gene ID</b>	6512
<b>Mouse Gene ID</b>	242607
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	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](#)