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GOAT ANTI-GAT1 / SLC6A1 ANTIBODY

SKU: EB09420

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	GAT1|GABATR|GABATHG|solute carrier family 6 (neurotransmitter transporter, GABA), member 1|SLC6A1
Accession ID	NP_003033.3
Blocking Peptide	EBP09420
Immunogen	Peptide with sequence C-EQPQAGSSTSKE, from the C Terminus of the protein sequence according to NP_003033.3.
Peptide Sequence	C-EQPQAGSSTSKE
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, Rat, Dog
Human Gene ID	6529
Rat Gene ID	79212
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 1:4000.
Western Blot	Preliminary experiments gave bands at approx 50kDa and 37kDa in Human Brain (Cerebellum) lysates after 2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 67.1kDa according to NP_003033.3. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).
Application Type	Pep-ELISA

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DOCUMENTS

- Data Sheet