EAAT1 antibody [HL5913]

Cat. No. GTX647238

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa)	60 (monomer), > 125 (dimer) kDa.
Product Note	This antibody was raised against human EAAT1 Intracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment encompassing a sequence within the Intracellular domain of human EAAT1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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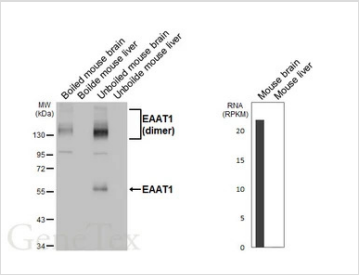
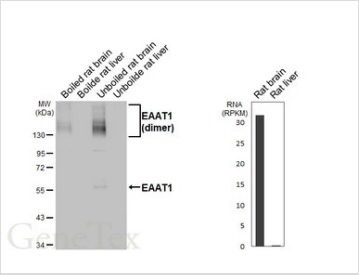
DATA IMAGES



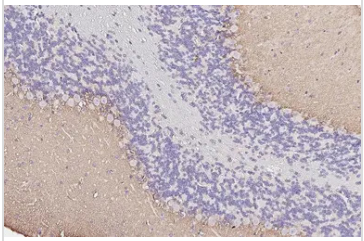
GTX647238 WB Image

Boild and unboiled mouse tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with EAAT1 antibody [HL5913] (GTX647238) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on NCBI database.



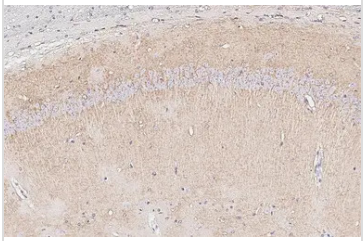
GTX647238 WB Image

Boild and unboiled rat tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with EAAT1 antibody [HL5913] (GTX647238) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on NCBI database.



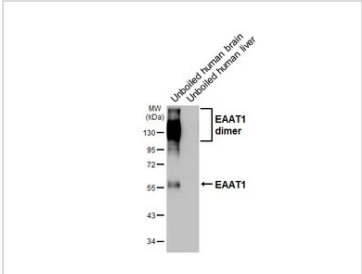
GTX647238 IHC-P Image

EAAT1 antibody [HL5913] detects EAAT1 protein by immunohistochemical analysis.
Sample: Paraffin-embedded mouse cerebellum.
EAAT1 stained by EAAT1 antibody [HL5913] (GTX647238) diluted at 1:200.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX647238 IHC-P Image

EAAT1 antibody [HL5913] detects EAAT1 protein by immunohistochemical analysis.
Sample: Paraffin-embedded mouse hippocampus.
EAAT1 stained by EAAT1 antibody [HL5913] (GTX647238) diluted at 1:200.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX647238 WB Image

Unboiled various tissue extracts (5 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with EAAT1 antibody [HL5913] (GTX647238) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.

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