

EAAT1 antibody

Cat. No. GTX131623

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IHC-Fr
Reactivity	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	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 60 kDa. ([Note](#))

Properties

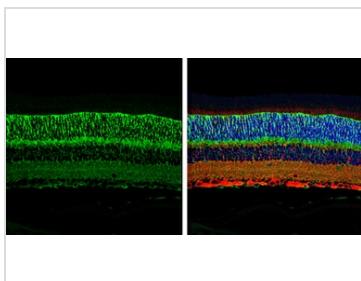
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Intracellular domain of human EAAT1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
Note	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.



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DATA IMAGES

**GTX131623 IHC-P Image**

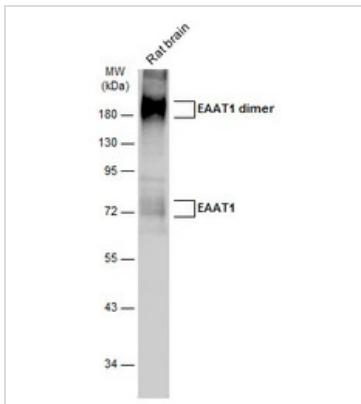
EAAT1 antibody detects EAAT1 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse eye.

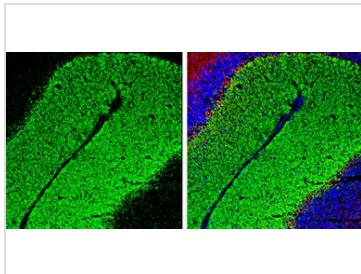
Green: EAAT1 stained by EAAT1 antibody (GTX131623) diluted at 1:750.

Red: beta Tubulin 3/ Tuj1, a cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] (GTX631831) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

**GTX131623 WB Image**

Rat tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with EAAT1 antibody (GTX131623) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX131623 IHC-Fr Image**

EAAT1 antibody detects EAAT1 protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse cerebellum.

Green: EAAT1 stained by EAAT1 antibody (GTX131623) diluted at 1:250.

Red: NF-H, stained by NF-H antibody [GT114] (GTX634289) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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