

EAAT1 antibody

Cat. No. GTX134059

| | |
|---------------------|-------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, IHC-P, IHC-Fr |
| Reactivity | Human, Mouse, Rat |

References (1)

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, 1% BSA, 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 | 0.15 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the Intracellular domain of mouse EAAT1. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

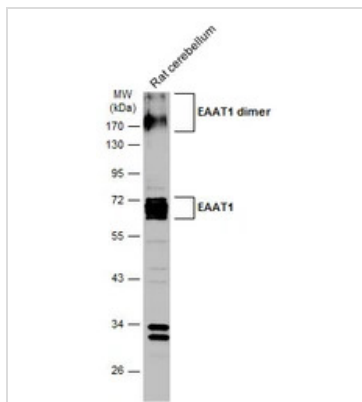
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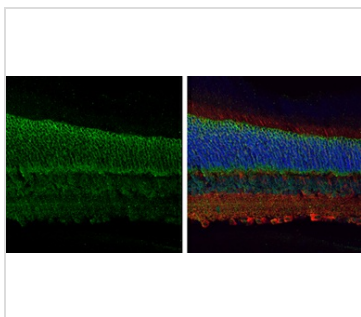


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DATA IMAGES

**GTX134059 WB Image**

Rat tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with EAAT1 antibody (GTX134059) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX134059 IHC-P Image**

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

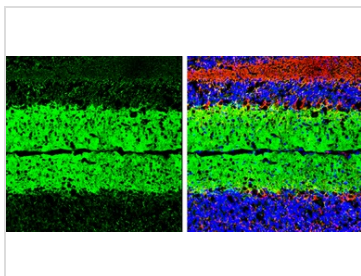
Sample: Paraffin-embedded mouse eye.

Green: EAAT1 stained by EAAT1 antibody (GTX134059) diluted at 1:250.

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

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX134059 IHC-Fr Image**

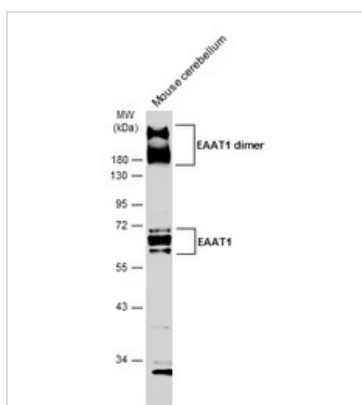
EAAT1 antibody detects EAAT1 protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse cerebellum.

Green: EAAT1 stained by EAAT1 antibody (GTX134059) diluted at 1:250.

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

Blue: Fluoroshield with DAPI (GTX30920).

**GTX134059 WB Image**

Mouse tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with EAAT1 antibody (GTX134059) 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 ECL plus-Enhanced.



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