

GABA Transporter 1 / GAT1 antibody [HL3475-MS]

Cat. No. GTX645234

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, IHC-P, IHC-Fr
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
IHC-Fr	Assay dependent

Not tested in other applications.

Observed MW (kDa) 60 kDa.

Product Note This antibody was raised against mouse GABA Transporter 1 / GAT1 Extracellular 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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of mouse GABA Transporter 1 / GAT1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



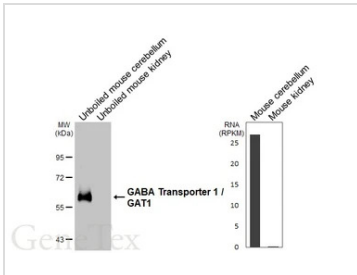
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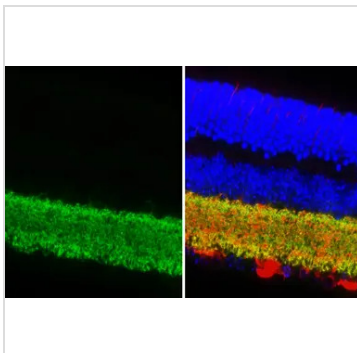
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.

DATA IMAGES

GTX645234 WB Image

Unboiled various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GABA Transporter 1 / GAT1 antibody [HL3475-MS] (GTX645234) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody. Corresponding RNA expression data are based on NCBI database.


GTX645234 IHC-P Image

GABA Transporter 1 / GAT1 antibody [HL3475-MS] detects GABA Transporter 1 / GAT1 protein by immunohistochemical analysis.

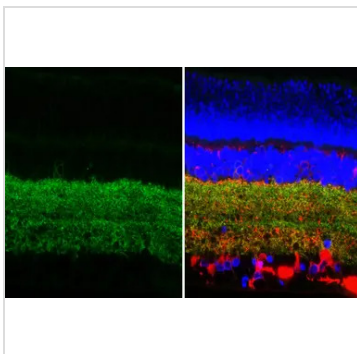
Sample: Paraffin-embedded mouse eye.

Green: GABA Transporter 1 / GAT1 stained by GABA Transporter 1 / GAT1 antibody [HL3475-MS] (GTX645234) diluted at 1:250.

Red: beta Tubulin 3/ Tuj1 antibody (GTX130245) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX645234 IHC-P Image

GABA Transporter 1 / GAT1 antibody [HL3475-MS] detects GABA Transporter 1 / GAT1 protein by immunohistochemical analysis.

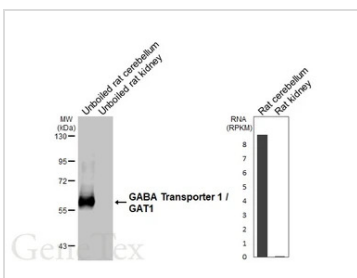
Sample: Paraffin-embedded rat eye.

Green: GABA Transporter 1 / GAT1 stained by GABA Transporter 1 / GAT1 antibody [HL3475-MS] (GTX645234) diluted at 1:250.

Red: beta Tubulin 3/ Tuj1 antibody (GTX130245) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX645234 WB Image

Unboiled various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GABA Transporter 1 / GAT1 antibody [HL3475-MS] (GTX645234) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody. Corresponding RNA expression data are based on NCBI database.



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