VGAT antibody [HL1616]

Cat. No. GTX637107

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, 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	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent

Not tested in other applications.

Observed MW (kDa) 57 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
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 protein encompassing a sequence within the center region of human VGAT. 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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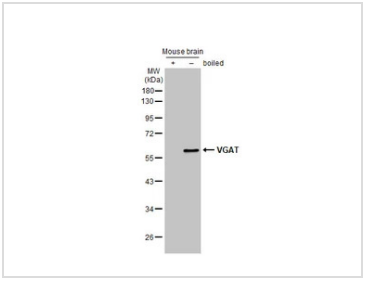
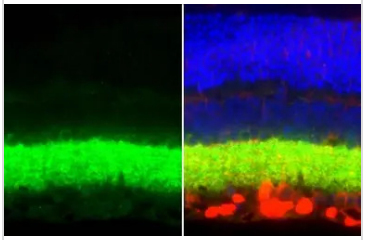
DATA IMAGES



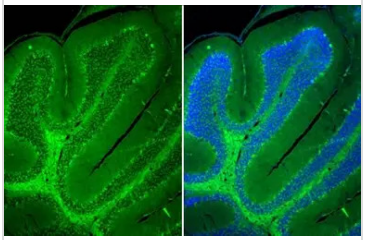
GTX637107 WB Image

Boiled and unboiled mouse tissue extract (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with VGAT antibody [HL1616] (GTX637107) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



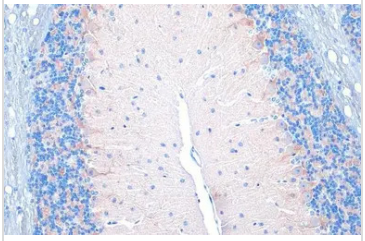
GTX637107 IHC-P Image

VGAT antibody [HL1616] detects VGAT protein by immunohistochemical analysis.
Sample: Paraffin-embedded mouse eye.
Green: VGAT stained by VGAT antibody [HL1616] (GTX637107) diluted at 1:100.
Red: beta Tubulin 3/ Tuj1, a Cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



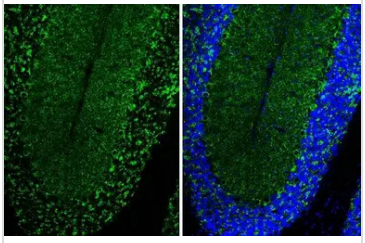
GTX637107 IHC-P Image

VGAT antibody [HL1616] detects VGAT protein by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
Green: VGAT stained by VGAT antibody [HL1616] (GTX637107) diluted at 1:100.
Red: NF-H, a Cytoplasm marker, stained by NF-H antibody [GT114] (GTX634289) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX637107 IHC-P Image

VGAT antibody [HL1616] detects VGAT protein at cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded mouse cerebellum.
VGAT stained by VGAT antibody [HL1616] (GTX637107) diluted at 1:100.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX637107 IHC-Fr Image

VGAT antibody [HL1616] detects VGAT protein by immunohistochemical analysis.
Sample: Frozen-sectioned mouse cerebellum.
Green: VGAT stained by VGAT antibody [HL1616] (GTX637107) diluted at 1:100.

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