



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## VGAT antibody [HL1616]

**Cat. No. GTX637107**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P, IHC-Fr
<b>Reactivity</b>	Human, Mouse, Rat

**Package**

100 µl, 25 µl

## APPLICATION

**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.

**Calculated MW** 57 kDa. ([Note](#))

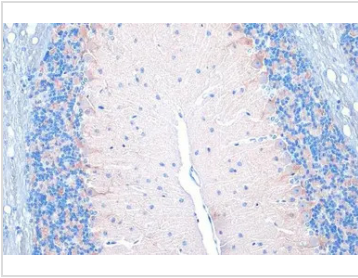
## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No Preservative
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human VGAT. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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## DATA IMAGES

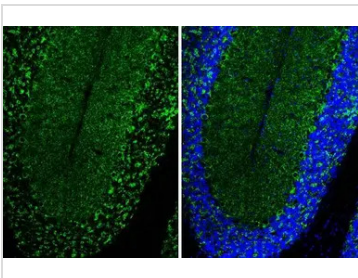
**GTX637107 IHC-P Image**

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.

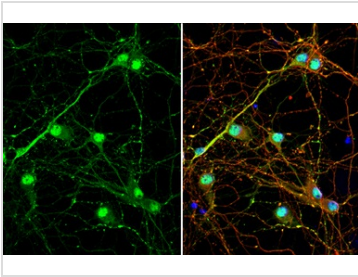
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**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.

**GTX637107 ICC/IF Image**

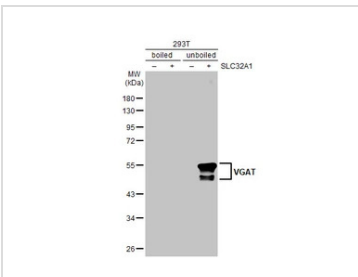
VGAT antibody [HL1616] detects VGAT protein at nucleus and cytoskeleton by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

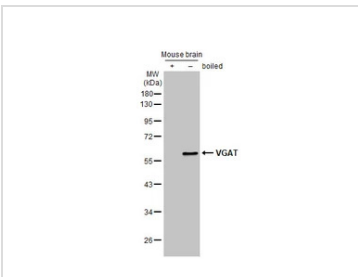
Green: VGAT stained by VGAT antibody [HL1616] (GTX637107) diluted at 1:250.

Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

**GTX637107 WB Image**

Non-transfected (-) and transfected (+) Boiled and unboiled 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with VGAT antibody [HL1616] (GTX637107) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**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.



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