

**Anti-Vesicular GABA transporter (VGAT) Antibody**  
**Our Anti-Vesicular GABA transporter (VGAT) rabbit polyclonal primary antibody from PhosphoSolutions**  
**Catalog # AN1604**

## Specification

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### Anti-Vesicular GABA transporter (VGAT) Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">O35458</a>
Reactivity	Bovine, Chicken, Drosophila
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	57407

### Anti-Vesicular GABA transporter (VGAT) Antibody - Additional Information

Gene ID **83612**

#### Other Names

bA12201.1 antibody, GABA and glycine transporter antibody, hVIAAT antibody, SLC32A1 antibody, SLC32A 1 antibody, Slc32a1 antibody, solute carrier family 32 (GABA vesicular transporter) member 1 antibody, Solute carrier family 32 member 1 antibody, Vesicular GABA Amino Acid Transporter antibody, Vesicular GABA transporter antibody, Vesicular inhibitory amino acid transporter antibody, VGAT antibody, VIAAT antibody, VIAAT\_HUMAN antibody

#### Target/Specificity

The Vesicular GABA Amino Acid Transporter (VGAT) is responsible for transport of the inhibitory neurotransmitter into synaptic vesicles (McIntire et al., 1997). The VGAT protein (also known as the Vesicular Inhibitory Amino Acid Transporter or VIAAT) is expressed in synaptic vesicles of both glycine and GABAergic synapses throughout the CNS (Chaudhry et al., 1998). Expression of the VGAT protein changes during development and also in response to patterns of neuronal activity (De et al., 2005).

#### Dilution

WB ~ 1:1000  
IHC ~ 1:100 ~ 500

#### Format

Antigen Affinity Purified from Pooled Serum

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Anti-Vesicular GABA transporter (VGAT) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### Shipping

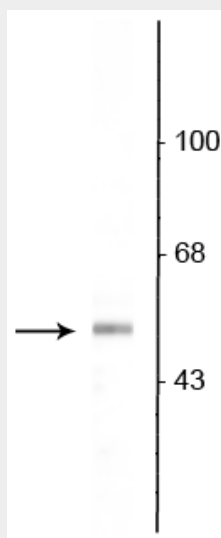
Blue Ice

## Anti-Vesicular GABA transporter (VGAT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-Vesicular GABA transporter (VGAT) Antibody - Images



Western blot of rat olfactory bulb lysate showing specific immunolabeling of the ~53 kDa VGAT protein.

## Anti-Vesicular GABA transporter (VGAT) Antibody - Background

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