

## Anti-GABA Transporter (GAT) 2 Antibody

Our Anti-GABA Transporter (GAT) 2 primary antibody from PhosphoSolutions is rabbit polyclonal. It de Catalog # AN1409

### Specification

## Anti-GABA Transporter (GAT) 2 Antibody - Product Information

Application	WB
Primary Accession	<u>P31646</u>
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	68263

### Anti-GABA Transporter (GAT) 2 Antibody - Additional Information

Gene ID Other Names

GABA transport protein antibody, GAT 2 antibody, GAT-2 antibody, GAT2 antibody, GAT3 antibody, S6A13\_HUMAN antibody, SLC6A13 antibody, Sodium- and chloride-dependent GABA transporter 2 antibody, Solute carrier family 6 (Neurotransmitter transporter GABA), member 13 antibody, Solute carrier family 6 member 13 antibody

171163

#### Target/Specificity

Gamma-aminobutyric acid (GABA) is the primary inhibitory neurotransmitter in the central nervous system, causing a hyperpolarization of the membrane through the opening of a Cl– channel associated with the GABA-A receptor (GABA-A-R) subtype. GABA plasma membrane transporters (GATs) influence synaptic neurotransmission by high affinity uptake and release of GABA. To date, four distinct GABA transporters have been identified: GAT-1, GAT-2, GAT-3, and BGT-1. GAT-2 is found in a wide range of neuronal and non-neuronal cells including dendrites and axon terminals as well as epithelial cells and cells forming the pia and arachnoid complex (Conti et al., 1999)

Dilution WB~~1:1000

Format Affinity Purified

#### 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-GABA Transporter (GAT) 2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping Blue Ice



# Anti-GABA Transporter (GAT) 2 Antibody - Protocols

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

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-GABA Transporter (GAT) 2 Antibody - Images



Western blot of mouse whole brain lysate showing specific immunolabeling of the  $\sim$ 67 kDa GAT-2 protein.

# Anti-GABA Transporter (GAT) 2 Antibody - Background

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