

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	P31646
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	68263

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

Gene ID **171163**

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

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

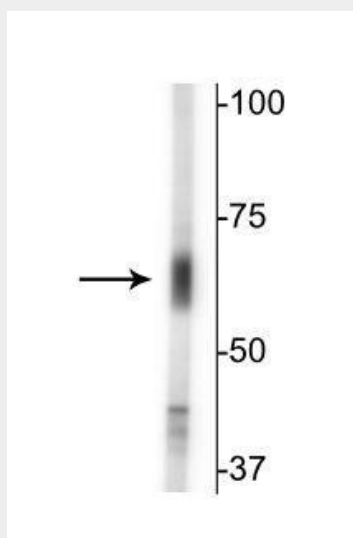
Blue Ice

Anti-GABA Transporter (GAT) 2 Antibody - Protocols

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

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

Anti-GABA Transporter (GAT) 2 Antibody - Images



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

Anti-GABA Transporter (GAT) 2 Antibody - Background

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