

Anti GABA Transporter / GAT 3 antibody (KLH)

Catalog No: tcsa25637



Available Sizes

Size: 100μl



Specifications

Application:

WB, IHC

Species Reactivity:

Mouse

Host Species:

Rabbit

Immunogen / Amino acids:

Synthetic peptide corresponding to amino acid residues from the C-terminal region conjugated to KLH.

Conjugation:

KLH

Clonality:

Polyclonal

Form:

Liquid

Storage Buffer:

100 μl in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μg per ml BSA and 50% glycerol.

Recommended Dilution:

WB 1:1000; IHC 1:100-1:200

Storage Instruction:

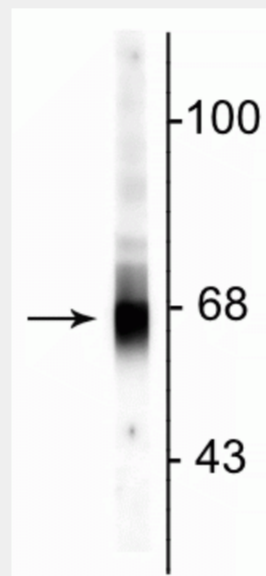
Store at -20°C, and avoid repeated freeze-thaw cycles.

Alternative Names:

Slc6a11 antibody; Gabt3 antibody; Gat-3 antibody; Gat-b antibody; Sodium- and chloride-dependent GABA transporter 3 antibody; GAT-3 antibody; Solute carrier family 6 member 11 antibody

Product Description

Gamma-aminobutyric acid (GABA) was 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 GABAA receptor (GABAA-R) subtype. GABA plasma membrane transporters (GATs) influence synaptic neurotransmission by highaffinity uptake and release of GABA. To date, four distinct GABA transporters have been identified: GAT-1, GAT-2, GAT-3, and BGT-1. GAT-3 has been found to be localized to astrocytes within the cerebral cortex indicating that this transporter mediates GABA uptake into glial cells (Minelli et al., 1996).



Western blot of rat hippocampal lysate showing specific immunolabeling of the ~67 kDa GAT-3 protein, using Anti-GABA Transporter/GAT 3 (KLH) polyclonal antibody.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!