

Datasheet for ABIN7043743

anti-SLC6A13 antibody (Intracellular, N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	50 µL
Target:	SLC6A13
Binding Specificity:	AA 23-38, Intracellular, N-Term
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC6A13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)KVEEDGTLEREQWTNK, corresponding to amino acids residues 23-38 of rat GAT-2
Isotype:	IgG
Characteristics:	Anti-GABA Transporter 2 (GAT-2) Antibody is directed against an epitope of rat GABA transporter 2. Anti-GABA Transporter 2 (GAT-2) Antibody (ABIN7043743, ABIN7044461 and ABIN7044462)) can be used in western blot analysis and immunohistochemistry applications and has been designed to recognize GAT-2 from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

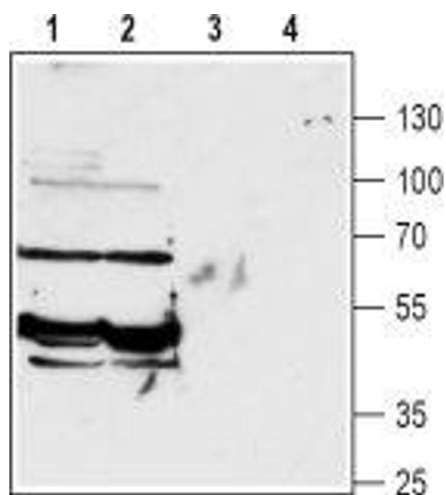
Target:	SLC6A13
Alternative Name:	GABA Transporter 2 (GAT-2) (SLC6A13 Products)
Background:	Alternative names: GABA Transporter 2 (GAT-2), SLC6A13, GABT2, Na ⁺ /Cl ⁻ dependent GABA transporter 2
Gene ID:	171163
NCBI Accession:	NM_016615
UniProt:	P31646

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

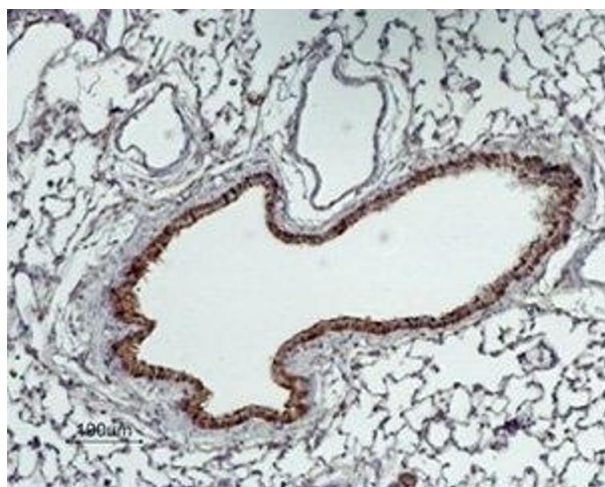
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysates: - 1,2. Anti-GABA Transporter 2 (GAT-2) Antibody (ABIN7043743, ABIN7044461 and ABIN7044462), (1:200).3,4. Anti-GABA Transporter 2 (GAT-2) Antibody, preincubated with GABA Transporter 2/GAT-2 Blocking Peptide (#BLP-GT002).



Immunohistochemistry

Image 2. Expression of GABA transporter 2 in rat lung - Immunohistochemical staining of rat lung paraffin-embedded sections using Anti-GABA Transporter 2 (GAT-2) Antibody (ABIN7043743, ABIN7044461 and ABIN7044462), (1:100). GAT-2 (brown) is expressed in the respiratory epithelium of the bronchioli. Hematoxylin is used as the counterstain.