

Datasheet for ABIN718916
anti-SLC6A1 antibody (AA 151-250)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SLC6A1 (GAT1)
Binding Specificity:	AA 151-250
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC6A1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GABA Transporter 1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Pig,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	SLC6A1 (GAT1)
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Target Details

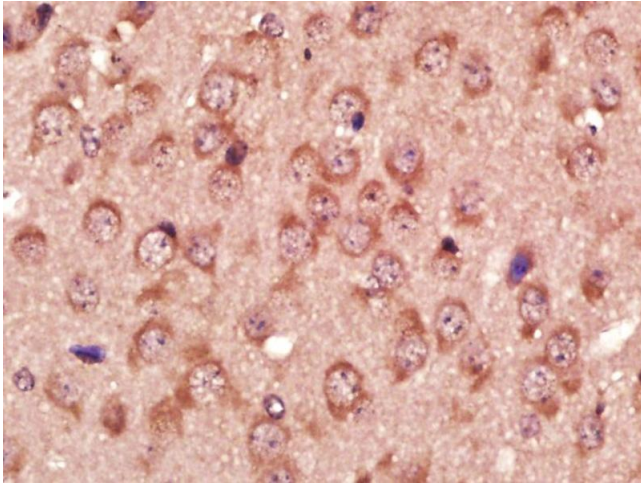
Alternative Name:	GABA Transporter 1 (GAT1 Products)
Background:	<p>Synonyms: GABATHG, GABATR, GABT 1, GABT1, GAT1, SLC6A1, Sodium and chloride dependent GABA transporter 1, Solute carrier family 6 neurotransmitter transporter GABA member 1, Solute carrier family 6 member 1.</p> <p>Background: GABA Transporter 1/GAT1 is a gamma-amino butyric acid (GABA) transporter. After its release from interneurons in the CNS, the major inhibitory neurotransmitter GABA is taken up by GABA transporters (GATs). The predominant neuronal GABA transporter GAT1 is localized in GABAergic axons and nerve terminals, where it is thought to influence GABAergic synaptic transmission by removing GABA from the synaptic cleft.</p>
Gene ID:	6529

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded mouse brain, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with GABA Transporter 1 Polyclonal Antibody at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining.