

Rabbit SLC6A1 / GAT-1 Polyclonal Antibody | anti-SLC6A1 / GAT-1 antibody

Anti-SLC6A1 / GAT-1 Antibody (Internal) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162152	Rabbit	Mouse, Dog, Bovine, Rat, Pig, Human, Monkey	Immunoprecipitation, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

SLC6A1 / GAT-1; Polyclonal Antibody; Anti-SLC6A1 / GAT-1 Antibody (Internal) IHC-plus; Rabbit Polyclonal to Human SLC6A1 / GAT-1; Human SLC6A1 / GAT-1; GABA transporter; GABA transporter 1; GABT1; GAT1; GABATHG; GABATR; GAT 1; anti-SLC6A1 / GAT-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Dog, Bovine, Rat, Pig, Human, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GAT1 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	599
Applicable Applications for anti-SLC6A1 / GAT-1 antibody	IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	SLC6A1 / GAT-1 antibody was raised against KLH-conjugated synthetic peptide encompassing a sequence within the central region of human GAT1.
Immunogen Description	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human GAT1.
Immunogen Type	Synthetic peptide
Antigen Modification	Internal
Target Species	Human
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



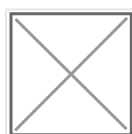
WB (Western Blot)

Western blot analysis of GAT1 expression in SHSY5Y (A); NIH3T3 (B); rat brain (C) whole cell lysates.



IHC (Immunohistochemistry)

Human Small Intestine, Ganglion Cells: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SLC6A1 / GAT-1 antibody	SLC6A1 Antibody, GABA transporter Antibody, GABA transporter 1 Antibody, GABT1 Antibody, GAT1 Antibody, GABATHG Antibody, GABATR Antibody, GAT-1 Antibody, GAT 1 Antibody Description: Terminates the action of GABA by its high affinity sodium-dependent reuptake into presynaptic terminals.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	188528618
NCBI GeneID	6529
NCBI Accession #	NP_003033.3
NCBI GenBank Nucleotide #	NM_003042.3
UniProt Accession #	P30531; Q8N4K8
Molecular Weight	67,074 Da
NCBI Official Full Name	sodium- and chloride-dependent GABA transporter 1
NCBI Official Synonym Full Names	solute carrier family 6 (neurotransmitter transporter), member 1
NCBI Official Symbol	SLC6A1
NCBI Official Synonym Symbols	MAE; GAT1; GABATR; GABATHG
NCBI Protein Information	sodium- and chloride-dependent GABA transporter 1
UniProt Protein Name	Sodium- and chloride-dependent GABA transporter 1
UniProt Gene Name	SLC6A1
UniProt Synonym Gene Names	GABATR; GABT1; GAT1; GAT-1
UniProt Entry Name	SC6A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc6a1-gat-1-antibody-immunoprecipitation-western-blot-immunohistochemistry-elisa/162152>