

Rabbit GAT1 Polyclonal Antibody | anti-SLC6A1 antibody

Anti-GAT1 Antibody

CATALOG # AAA261199	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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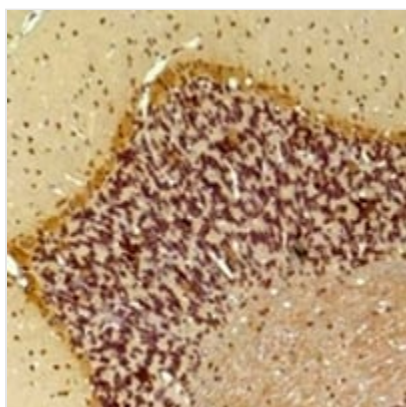
PRODUCT SYNONYMS

GAT1; Polyclonal Antibody; Anti-GAT1 Antibody; GABATR; GABT1; Sodium- and chloride-dependent GABA transporter 1; GAT-1; Solute carrier family 6 member 1; anti-SLC6A1 antibody

PRODUCT SPECIFICATIONS

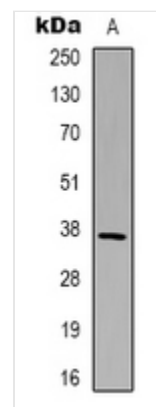
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GAT1 protein.
Purity/Purification	The antibody was purified by affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	599
Applicable Applications for anti-SLC6A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human GAT1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of GAT1 staining in rat brain, mouse brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of GAT1 expression in mouse brain (A), rat brain (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC6A1 antibody	Rabbit polyclonal to GAT1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	229462780
NCBI GeneID	6529
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 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gat1-antibody-immunohistochemistry-western-blot-elisa/261199>