

Rabbit GAT1 Polyclonal Antibody | anti-GAT1 antibody

Rabbit anti-GAT1 Antibody

CATALOG # AAA221860	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GAT1 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	Store at -20 degree C. Avoid repeated 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

Product Categories/Family for anti-GAT1 antibody	Primary antibodies
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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, GABA), member 1
NCBI Official Symbol	SLC6A1
NCBI Official Synonym Symbols	GAT1; GABATR; GABATHG
NCBI Protein Information	sodium- and chloride-dependent GABA transporter 1; GAT-1; solute carrier family 6 member 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://stage.aaabiotech.com/polyclonal/gat1-antibody-immunohistochemistry-western-blot-elisa/221860>