Rabbit GABA Transporter 1 Polyclonal Antibody | anti-GABT1 antibody

GABA Transporter 1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173788	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

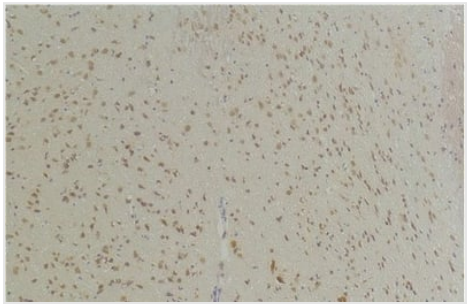
PRODUCT SYNONYMS

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

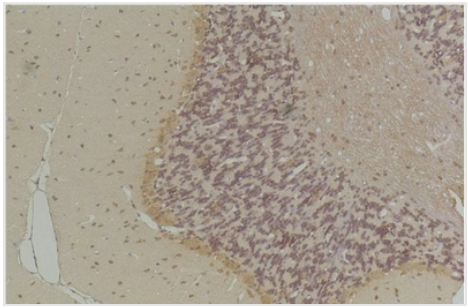
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	599
Applicable Applications for anti-GABT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

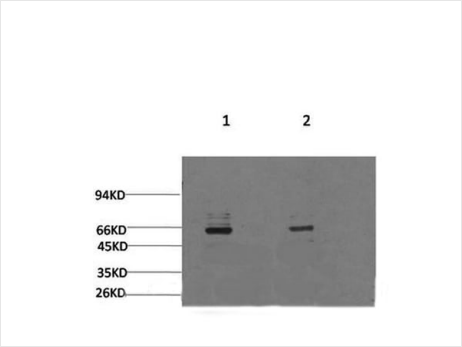
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Mouse brain tissue using GABA Transporter 1 Polyclonal Antibody at dilution of 1:200.



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Rat brain tissue using GABA Transporter 1 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)
Western Blot analysis of 1) Mouse brain, 2) Rat brain using GABA Transporter 1 Polyclonal Antibody at dilution of 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-GABT1 antibody	The SLC6A1 gene encodes a gamma-aminobutyric acid (GABA) transporter, which removes GABA from the synaptic cleft.The cDNA contained an open reading frame encoding a hydrophobic protein of 599 amino acids with a calculated molecular weight of 67, 022 daltons. Hydropathy analysis showed 12 potential transmembrane segments.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1134612286
NCBI GeneID	6529
NCBI Accession #	NP_001335179.1
NCBI GenBank Nucleotide #	NM_001348250.1
UniProt Accession #	P30531; Q8N4K8
Molecular Weight	67kDa
NCBI Official Full Name	sodium- and chloride-dependent GABA transporter 1 isoform a
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

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/gaba-transporter-1-antibody-immunohistochemistry-western-blot-elisa/173788