

Rabbit SLC6A1 Polyclonal Antibody | anti-SLC6A1 antibody

SLC6A1 Polyclonal Antibody

CATALOG # AAA170472	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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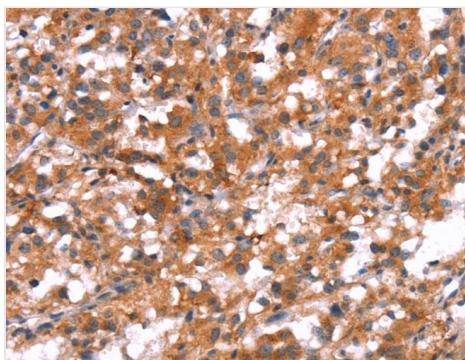
PRODUCT SYNONYMS

SLC6A1; Polyclonal Antibody; SLC6A1 Polyclonal Antibody; GAT1; GABATR; GABATHG; anti-SLC6A1 antibody

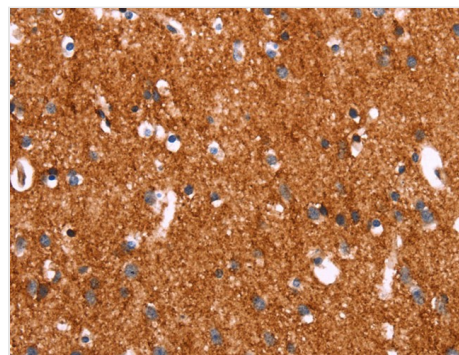
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.1mg/mL (varies by lot)
Sequence Length	599
Applicable Applications for anti-SLC6A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human SLC6A1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

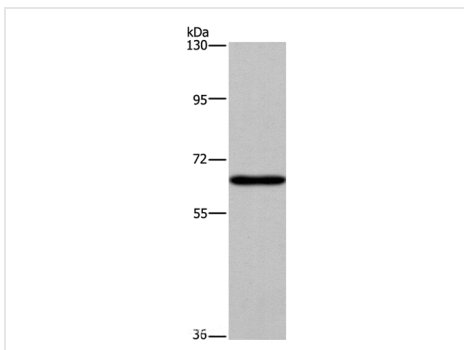
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer using SLC6A1 Polyclonal Antibody at dilution of 1:20



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human brain using SLC6A1 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of HepG2 cell using SLC6A1 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-SLC6A1 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. The human protein is highly homologous to that from rat brain

NCBI AND UNIPROT INFORMATION

NCBI GI #	229462780
NCBI GeneID	6529
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	GAT1; GABATR; GABATHG
NCBI Protein Information	sodium- and chloride-dependent GABA transporter 1; GAT-1; solute carrier family 6 (neurotransmitter transporter, GABA), member 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://www.aaabiotech.com/polyclonal/slc6a1-antibody-immunohistochemistry-western-blot-elisa/170472>