

Rabbit anti-Human SLC6A1 Polyclonal Antibody | anti-SLC6A1 antibody

SLC6A1 Antibody

CATALOG # AAA301492	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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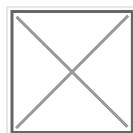
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

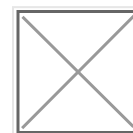
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC6A1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.1 mg/ml (varies by lot)
Sequence Length	599
Applicable Applications for anti-SLC6A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 6 (neurotransmitter transporter), member 1
Target Name	SLC6A1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/20.



Application Data

Gel: 6%SDS-PAGE Lysate: 40ug HepG2 cell Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 minutes

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
Product Categories/Family for anti-SLC6A1 antibody	Total protein Ab

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc6a1-antibody-immunohistochemistry-western-blot-elisa/301492>