

Rabbit SLC6A1 Polyclonal Antibody | anti-SLC6A1 antibody

SLC6A1 Antibody

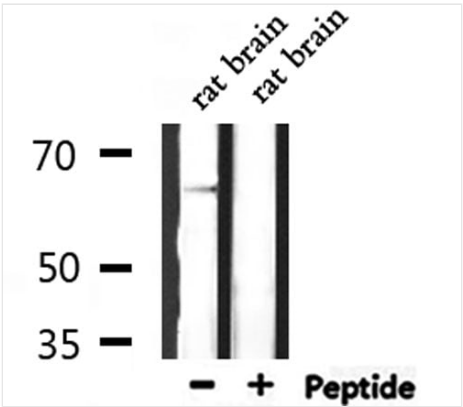
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325158	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

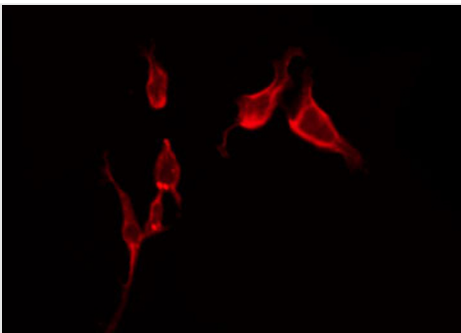
SLC6A1; Polyclonal Antibody; SLC6A1 Antibody; GABATHG; GABATR; GABT 1; GABT1; GAT-1; GAT1; SC6A1_HUMAN; Slc6a1; Sodium and chloride dependent GABA transporter 1; Sodium-and chloride-dependent GABA transporter 1; Solute carrier family 6 (neurotransmitter transporter GABA) member 1; Solute carrier family 6 member 1; anti-SLC6A1 antibody

PRODUCT SPECIFICATIONS

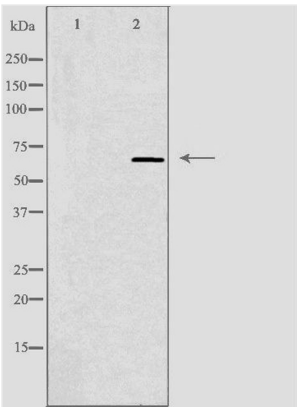
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC6A1 antibody detects endogenous levels of total SLC6A1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	599
Applicable Applications for anti-SLC6A1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Plasma Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from rat brain, using SLC6A1 Antibody.



IF (Immunofluorescence)
AAA325158 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from K562 cells using SLC6A1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC6A1 antibody	Function: Terminates the action of GABA by its high affinity sodium-dependent reuptake into presynaptic terminals. Subunit Structure: Interacts with MPP5. Similarity: The PDZ domain-binding motif is involved in the interaction with MPP5. Belongs to the sodium:neurotransmitter symporter (SNF) (TC 2.A.22) family. SLC6A1 subfamily.
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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	Observed: 67 kD Predicted: 68 kDa
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://stage.aaabiotech.com/polyclonal/slc6a1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325158>