

Rabbit anti-Human S6A12 Polyclonal Antibody | anti-SLC6A12 antibody

S6A12 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285013	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

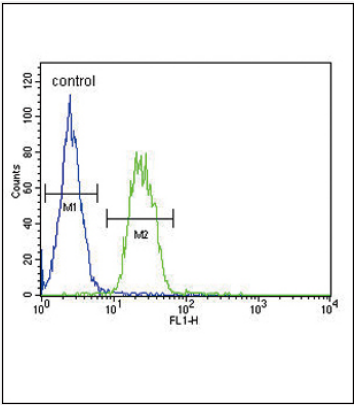
PRODUCT SYNONYMS

S6A12; Polyclonal Antibody; S6A12 Antibody (N-term); Sodium- and chloride-dependent betaine transporter; BGT-1; Na(+)/Cl(-) betaine/GABA transporter; Solute carrier family 6 member 12; SLC6A12; anti-SLC6A12 antibody

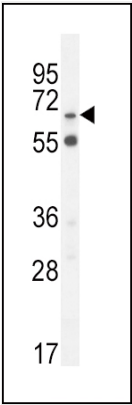
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This S6A12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-38 amino acids from the N-terminal region of human S6A12.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	9-38
Sequence Length	614
Applicable Applications for anti-SLC6A12 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
S6A12 Antibody (N-term) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
S6A12 Antibody (N-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the S6A12 antibody detected the S6A12 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC6A12 antibody	Transports betaine and GABA. May have a role in regulation of GABAergic transmission in the brain through the reuptake of GABA into presynaptic terminals, as well as in osmotic regulation.
Product Categories/Family for anti-SLC6A12 antibody	Neuroscience
References	Pasaje, C.F., et al. Ann. Hum. Genet. 74(4):326-334(2010) Kottgen, A., et al. Nat. Genet. 42(5):376-384(2010) Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) : Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	171184406
NCBI GeneID	6539
NCBI Accession #	NP_001116319.1; NP_001116320.1; NP_001193860.1; NP_003035.3
NCBI GenBank Nucleotide #	NM_001122847.2
UniProt Accession #	P48065; A0AV52; B2R992; D3DUN8
Molecular Weight	69368
NCBI Official Full Name	sodium- and chloride-dependent betaine transporter
NCBI Official Synonym Full Names	solute carrier family 6 (neurotransmitter transporter), member 12
NCBI Official Symbol	SLC6A12
NCBI Official Synonym Symbols	BGT1; GAT2; BGT-1
NCBI Protein Information	sodium- and chloride-dependent betaine transporter
UniProt Protein Name	Sodium- and chloride-dependent betaine transporter
UniProt Gene Name	SLC6A12
UniProt Entry Name	S6A12_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/s6a12-antibody-flow-cytometry-western-blot-elisa/285013>