Rabbit anti-Human SLC6A14 Polyclonal Antibody | anti-SLC6A14 antibody

SLC6A14 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284281	**Rabbit**	**Human**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

SLC6A14; Polyclonal Antibody; SLC6A14 Antibody (C-term); Sodium- and chloride-dependent neutral and basic amino acid transporter B(0+); Amino acid transporter ATB0+; Solute carrier family 6 member 14; anti-SLC6A14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC6A14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 602-631 amino acids from the C-terminal region of human SLC6A14.
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: 0.5 (varies by lot)
Sequence Positions	602-631
Sequence Length	642
Applicable Applications for anti-SLC6A14 antibody	IHC (Immunohistochemistry), 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

IHC (Immunohiostchemistry)
SLC6A14 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human esophageal carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SLC6A14 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

WB (Western Blot)
SLC6A14 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the SLC6A14 antibody detected the SLC6A14 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC6A14 antibody	This gene encodes a member of the solute carrier family 6. Members of this family are sodium and chloride dependent neurotransmitter transporters. The encoded protein transports both neutral and cationic amino acids. This protein may also function as a beta-alanine carrier. Mutations in this gene may be associated with X-linked obesity. A pseudogene of this gene is found on chromosome X.
Product Categories/Family for anti-SLC6A14 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Corpeleijn, E., et al. Obesity (Silver Spring) 18(7):1369-1377(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Anderson, C.M., et al. J. Physiol. (Lond.) 586 (PT 17), 4061-4067 (2008) : Eriksson, A., et al. BMC Gastroenterol 8, 34 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005715
NCBI GeneID	11254
NCBI Accession #	NP_009162.1
NCBI GenBank Nucleotide #	NM_007231.4
UniProt Accession #	Q9UN76; Q5H942
Molecular Weight	72153
NCBI Official Full Name	sodium- and chloride-dependent neutral and basic amino acid transporter B(0+)
NCBI Official Synonym Full Names	solute carrier family 6 (amino acid transporter), member 14
NCBI Official Symbol	SLC6A14
NCBI Official Synonym Symbols	BMIQ11
NCBI Protein Information	sodium- and chloride-dependent neutral and basic amino acid transporter B(0+)
UniProt Protein Name	Sodium- and chloride-dependent neutral and basic amino acid transporter B(0+)
UniProt Gene Name	**SLC6A14**
UniProt Entry Name	S6A14_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://stage.aaabiotech.com/polyclonal/slc6a14-antibody-immunohistochemistry-western-blot-elisa/284281