

Rabbit anti-Human SLC5A8 Polyclonal Antibody | anti-SLC5A8 antibody

SLC5A8 Antibody

CATALOG # AAA310461	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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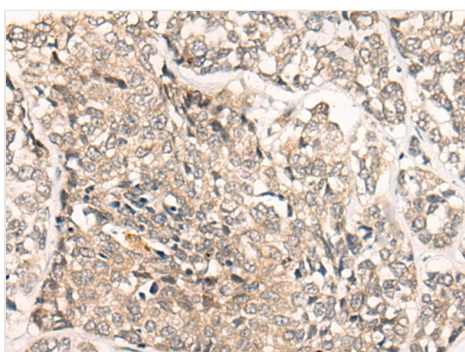
PRODUCT SYNONYMS

SLC5A8; Polyclonal Antibody; SLC5A8 Antibody; AIT; SMCT; SMCT1; anti-SLC5A8 antibody

PRODUCT SPECIFICATIONS

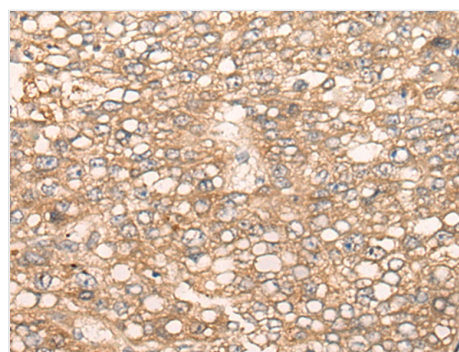
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total SLC5A8 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.5mg/ml (varies by lot)
Sequence Length	610
Applicable Applications for anti-SLC5A8 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human SLC5A8
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46671(SLC5A8 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46671(SLC5A8 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-SLC5A8 antibody	SLC5A8 has been shown to transport iodide by a passive mechanism (Rodriguez et al., 2002 [PubMed 12107270]) and monocarboxylates and short-chain fatty acids by a sodium-coupled mechanism (Gopal et al., 2004 [PubMed 15322102]). In kidney, SLC5A8 functions as a high-affinity sodium-coupled lactate transporter involved in reabsorption of lactate and maintenance of blood lactate levels (Thangaraju et al., 2006 [PubMed 16873376]).
Product Categories/Family for anti-SLC5A8 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466278
NCBI GeneID	160728
NCBI Accession #	NP_666018
NCBI GenBank Nucleotide #	NM_145913.4
UniProt Accession #	Q8N695; Q2TB99; Q7Z2H9
Molecular Weight	66,578 Da
NCBI Official Full Name	sodium-coupled monocarboxylate transporter 1
NCBI Official Synonym Full Names	solute carrier family 5 member 8
NCBI Official Symbol	SLC5A8
NCBI Official Synonym Symbols	AIT; SMCT; SMCT1
NCBI Protein Information	sodium-coupled monocarboxylate transporter 1
UniProt Protein Name	Sodium-coupled monocarboxylate transporter 1
UniProt Gene Name	SLC5A8

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/slc5a8-antibody-immunohistochemistry-elisa/310461>