

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

SLC5A8 Polyclonal Antibody

CATALOG # AAA176811	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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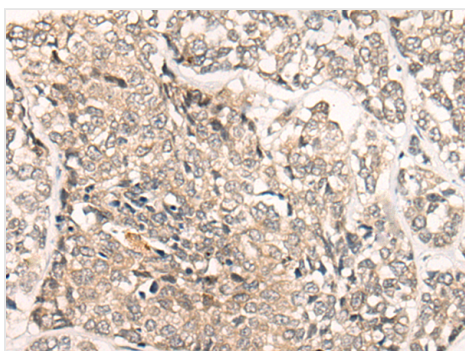
PRODUCT SYNONYMS

SLC5A8; Polyclonal Antibody; SLC5A8 Polyclonal Antibody; AIT; Apical iodide transporter; Electrogenic sodium monocarboxylate cotransporter; MGC125354; SC5A8; SMCT; SMCT1; Sodium coupled monocarboxylate transporter 1; Sodium iodide related cotransporter; Sodium iodide-related cotransporter; Sodium-coupled monocarboxylate transporter 1; Solute carrier family 5 iodide transporter member 8; Solute carrier family 5 member 8; anti-SLC5A8 antibody

PRODUCT SPECIFICATIONS

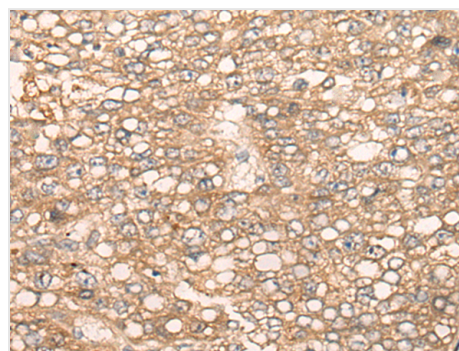
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.5mg/mL (varies by lot)
Sequence Length	610
Applicable Applications for anti-SLC5A8 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human SLC5A8
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using SLC5A8 Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using SLC5A8 Polyclonal Antibody at dilution of 1:25(×200)

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	Cancer; Cell Biology; Metabolism; Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	296452898
NCBI GeneID	160728
UniProt Accession #	Q8N695
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
UniProt Synonym Gene Names	AIT; SMCT; SMCT1
UniProt Entry Name	SC5A8_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://www.aaabiotech.com/polyclonal/slc5a8-antibody-immunohistochemistry-elisa/176811>