

Rabbit SLC5A1 / SGLT1 Polyclonal Antibody | anti-SLC5A1 antibody

Rabbit Polyclonal to Human SLC5A1 / SGLT1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51547	Rabbit	Human, Orangutan Predicted Reactivity: Chimpanzee, Gibbon (at least 90% immunogen sequence identity)	Immunohistochemistry

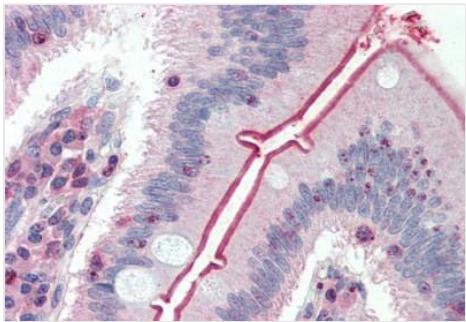
PRODUCT SYNONYMS

SLC5A1 / SGLT1; Polyclonal Antibody; Rabbit Polyclonal to Human SLC5A1 / SGLT1; Anti-SLC5A1 / SGLT1 Antibody (Internal) IHC-plus; SLC5A1; D22S675; HSGLT1; Na(+)/glucose cotransporter 1; Na+/glucose cotransporter 1; SGLT1; NAGT; Sodium-glucose transporter 1; Sodium/glucose cotransporter 1; Human SLC5A1; anti-SLC5A1 antibody

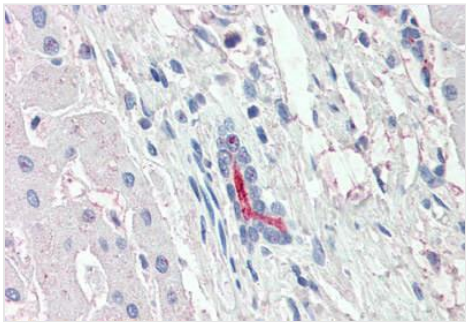
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Orangutan Predicted Reactivity: Chimpanzee, Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human SLC5A1 / SGLT1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	664
Applicable Applications for anti-SLC5A1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from internal region of human SLC5A1 / SGLT1. Percent identity with other species by BLAST analysis: Human, Orangutan (100%); Chimpanzee, Gibbon (94%); Monkey (82%).
Immunogen Type	Synthetic peptide
Immunogen	SLC5A1 / SGLT1 antibody was raised against synthetic 17 amino acid peptide from internal region of human SLC5A1 / SGLT1. Percent identity with other species by BLAST analysis: Human, Orangutan (100%); Chimpanzee, Gibbon (94%); Monkey (82%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-SLC5A1 / SGLT1 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-SLC5A1 / SGLT1 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC5A1 antibody	Solute Carrier Family 5 Member 1 (Slc5a1/SGLT1) is a member of the sodium dependent glucose transporters also known as co transporters or symporters. It is an integral membrane protein involved in the active transport of glucose and galactose across the membrane of cells lining the gi tract and kidney. Transport is driven by the sodium/potassium ATPase.
Product Categories/Family for anti-SLC5A1 antibody	Family: Transporter ; Subfamily: Solute:sodium symporter

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507031
NCBI GeneID	6523
NCBI Accession #	NP_000334.1
NCBI GenBank Nucleotide #	NM_000343.3
UniProt Accession #	P13866 ; B2R7E2 ; B7Z4Q9 ; B7ZA69
Molecular Weight	60,097 Da
NCBI Official Full Name	sodium/glucose cotransporter 1 isoform 1
NCBI Official Synonym Full Names	solute carrier family 5 (sodium/glucose cotransporter), member 1
NCBI Official Symbol	SLC5A1
NCBI Official Synonym Symbols	NAGT; SGLT1; D22S675
NCBI Protein Information	sodium/glucose cotransporter 1; Na ⁺ /glucose cotransporter 1; high affinity sodium-glucose cotransporter
UniProt Protein Name	Sodium/glucose cotransporter 1
UniProt Gene Name	SLC5A1
UniProt Synonym Gene Names	NAGT; SGLT1; Na ⁽⁺⁾ /glucose cotransporter 1
UniProt Entry Name	SC5A1_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.