SLC5A9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLC5A9, Polyclonal Antibody
Full Product Name	SLC5A9 antibody
Product Gene Name	anti-SLC5A9 antibody
Product Synonym Names	Polyclonal SLC5A9; Anti-SLC5A9; SLC5A9; SLCA9 -5; similar to Sodium/glucose cotransporter 1 (Na(+)/glucose cotransporter 1; SLCA9 5; LOC230612; similar to High affinity sodium-glucose cotransporter; sglt1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Purified by Immunoaffinity Chromatography and supplied in PBS with 0.1% NaN3.
Purity/Purification	SLC5A9 antibody was purified by affinity chromatography.
Concentration	1.0 mg/ml (lot specific)
Specificity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -70 degree C for long term storage. Avoid repeated freeze/thaw cycles.
Molecular Weight	76,361 Da
3D Structure	ModBase 3D Structure for Q2M3M2
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Immunogen	SLC5A9 antibody was raised in rabbit using a synthetic peptide conjugated to KLH as the immunogen.
Product Categories/Family for anti-SLC5A9 antibody	Cell Biology
Applications Tested/Suitable for anti-SLC5A9 antibody	Immunohistochemistry (IHC) Paraffin
Application Notes for anti-SLC5A9 antibody	IHC-P: 20 ug/ml
Related Product Information for anti-SLC5A9 antibody	MBS535560 is an antibody targeting SLC5A9. Also known as SLC5A9 antibody. Reactive in Human. Host: Rabbit. Rabbit polyclonal SLC5A9 antibody
Other Notes	Small volumes of anti-SLC5A9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC5A9. It may not necessarily be applicable to this product.

NCBI GI #	206597483
NCBI GeneID	200010
NCBI Accession #	NP_001011547

UniProt Primary Accession #	Q2M3M2
UniProt Secondary Accession #	Q5TET3; B3KY87; B7ZL45; B7ZL47; E9PAK4; E9PJ08
UniProt Related Accession #	Q2M3M2
GenBank Nucleotide #	NM_001011547.2
NCBI Official Full Name	sodium/glucose cotransporter 4 isoform 2
NCBI Official Synonym Full Names	solute carrier family 5 (sodium/sugar cotransporter), member 9
NCBI Official Symbol	SLC5A9
NCBI Official Synonym Symbols	SGLT4
UniProt Protein Name	Sodium/glucose cotransporter 4
UniProt Synonym Protein Names	Solute carrier family 5 member 9
Protein Family	Sodium/glucose cotransporter
UniProt Gene Name	SLC5A9
UniProt Synonym Gene Names	SGLT4; Na(+)/glucose cotransporter 4; hSGLT4
UniProt Entry Name	SC5A9_HUMAN
NCBI Protein Information	sodium/glucose cotransporter 4
UniProt Comments for SLC5A9	SLC5A9: Involved in sodium-dependent transport of D-mannose, D- glucose and D-fructose. Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family. Protein type: Transporter, SLC family; Membrane protein, multi-pass; Membrane protein, integral; Transporter Chromosomal Location of Human Ortholog: 1p33 Cellular Component: integral to membrane; plasma membrane Molecular Function: transporter activity Biological Process: sodium ion transport; transmembrane transport
Research Articles on SLC5A9	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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