



Rabbit Anti-SLC5A6 antibody

SL2021R

Product Name:	SLC5A6
Chinese Name:	碳酸氢钠协同Transporter5-A6抗体
Alias:	E430023I20; MGC109689; Na(+)-dependent multivitamin transporter; SC5A6_HUMAN; Slc5a6; SMVT; Sodium-dependent multivitamin transporter; Solute carrier family 5 (sodium dependent vitamin transporter) member; Solute carrier family 5 member 6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	67kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLC5A6:201-300/635
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	SLC5A6 (Solute Carrier Family 5 (Sodium/Multivitamin And Iodide Cotransporter), Member 6) is a Protein Coding gene. Diseases associated with SLC5A6 include thiamine metabolism dysfunction syndrome 2 and urinary tract obstruction. Among its related pathways are Metabolism and Transport of glucose and other sugars, bile salts

and organic acids, metal ions and amine compounds. GO annotations related to this gene include transporter activity and sodium-dependent multivitamin transmembrane transporter activity. An important paralog of this gene is SLC5A10.

Function:

Transports pantothenate, biotin and lipoate in the presence of sodium.

Subcellular Location:

Membrane.

Similarity:

Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.

SWISS:

Q9Y289

Gene ID:

8884

Database links:

[Entrez Gene: 8884](#) Human

[Entrez Gene: 100009326](#) Rabbit

[Entrez Gene: 170551](#) Rat

[Omim: 604024](#) Human

[SwissProt: Q9Y289](#) Human

[SwissProt: Q9XT77](#) Rabbit

[SwissProt: O70247](#) Rat

[Unigene: 435735](#) Human

[Unigene: 11105](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.