Rabbit anti-Human SLC5A5 Polyclonal Antibody | anti-SLC5A5 antibody

SLC5A5 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199304	**Rabbit**	**Human**	**Western Blot**

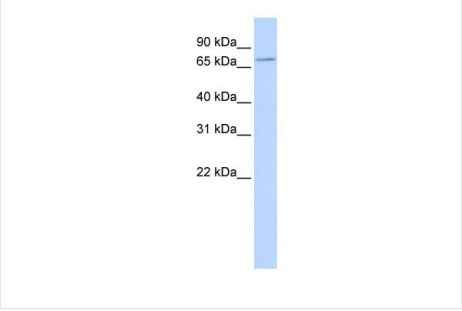
PRODUCT SYNONYMS

SLC5A5; Polyclonal Antibody; SLC5A5 antibody - middle region; anti-SLC5A5 antibody

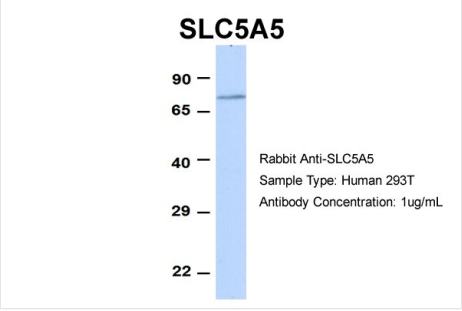
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:PS EQTMRVLPSS AARCVALSVN ASGLLDPALL PANDSSRAPS SGMDASRP
Sequence Length	643
Applicable Applications for anti-SLC5A5 antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC5A5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-SLC5A5 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:1562500Positive Control: 293T cell lysateSLC5A5 is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)
Host: RabbitTarget Name: SLC5A5Sample Type: 293TAntibody Dilution: 1.0ug/mlSLC5A5 is supported by BioGPS gene expression data to be expressed in HEK293T

ADDITIONAL INFORMATION

Related Product Information for anti-SLC5A5 antibody	This is a rabbit polyclonal antibody against SLC5A5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The sodium-iodide symporter (NIS, or SLC5A5) is a key plasma membrane protein that mediates active I- uptake in thyroid, lactating breast, and other tissues with an electrogenic stoichiometry of 2 Na+ per I-. In thyroid, NIS-mediated I- uptake is the first step in the biosynthesis of iodine-containing thyroid hormones.The sodium-iodide symporter (NIS, or SLC5A5) is a key plasma membrane protein that mediates active I- uptake in thyroid, lactating breast, and other tissues with an electrogenic stoichiometry of 2 Na+ per I-. In thyroid, NIS-mediated I- uptake is the first step in the biosynthesis of iodine-containing thyroid hormones (Dohan et al., 2007 [PubMed 18077370]).[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-SLC5A5 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507035
NCBI GeneID	6528
NCBI Accession #	NP_000444
NCBI GenBank Nucleotide #	NM_000453
UniProt Accession #	Q92911
Molecular Weight	69kDa
NCBI Official Full Name	sodium/iodide cotransporter
NCBI Official Synonym Full Names	solute carrier family 5 member 5
NCBI Official Symbol	SLC5A5
NCBI Official Synonym Symbols	NIS; TDH1
NCBI Protein Information	sodium/iodide cotransporter
UniProt Protein Name	Sodium/iodide cotransporter
UniProt Gene Name	**SLC5A5**
UniProt Synonym Gene Names	NIS; Na(+)/I(-) cotransporter; Na(+)/I(-) symporter

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/slc5a5-antibody-western-blot-elisa/199304