

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

SLC5A5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31104	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

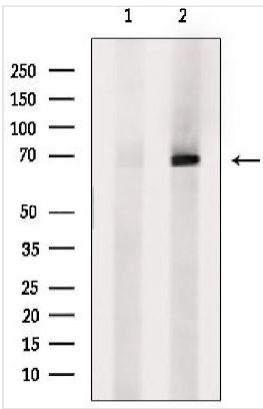
PRODUCT SYNONYMS

SLC5A5; Polyclonal Antibody; SLC5A5 Antibody; Na(+)/I(-) cotransporter; Na(+)/I(-) symporter; Na+/I-cotransporter; Na+/I-symporter; NIS; SC5A5_HUMAN; Slc5a5; sodium iodide symporter; Sodium-iodide symporter; Sodium/iodide cotransporter; Solute carrier family 5 (sodium iodide symporter) member 5; solute carrier family 5 (sodium/iodide cotransporter); member 5; Solute carrier family 5 member 5; TDH1; anti-SLC5A5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Supplied in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	643
Applicable Applications for anti-SLC5A5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 *The optimal dilutions should be determined by the end user. IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v milk , 1X TBS, 0.1% Tween20 at 4 degree C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human SLC5A5, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degrees C. Stable for 12 months from date of receipt

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Hela cells, using SLC5A5 Ab. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC5A5 antibody	Description: Mediates iodide uptake in the thyroid gland.
References	Muhanhali D, Zhai T, Jiang J, Ai Z, Zhu W, Ling Y; Journal: Front Endocrinol (Lausanne). Long Non-coding Antisense RNA TNRC6C-AS1 Is Activated in Papillary Thyroid Cancer and Promotes Cancer Progression by Suppressing TNRC6C Expression.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507035
NCBI GeneID	6528
NCBI Accession #	NP_000444.1
NCBI GenBank Nucleotide #	NM_000453.2
UniProt Accession #	Q92911; O43702; Q2M335; Q9NYB6
Molecular Weight	69 kDa
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.