

Rabbit SLC5A5 Polyclonal Antibody | anti-SLC5A5 antibody

SLC5A5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199303	Rabbit	Horse, Human, Mouse, Rat	Immunohistochemistry, Western Blot

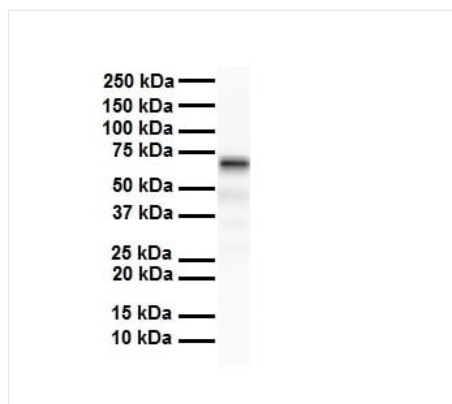
PRODUCT SYNONYMS

SLC5A5; Polyclonal Antibody; SLC5A5 antibody - N-terminal region; anti-SLC5A5 antibody

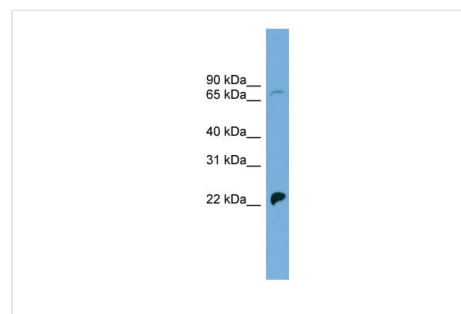
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Horse, Human, Mouse, Rat
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	Synthetic peptide with the following region: TA VGGMKAVVWT DVFQVVMLS GFVVVLARGV MLVGGPRQVL TLAQNHSR
Sequence Length	643
Applicable Applications for anti-SLC5A5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Horse: 79%; Human: 100%; Mouse: 79%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal 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.

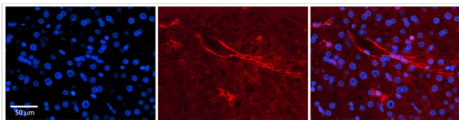
IMAGES


WB (Western Blot)

WB Suggested Anti-SLC5A5 antibody Titration: 1 ug/mL Sample Type: Human liver


WB (Western Blot)

WB Suggested Anti-SLC5A5 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:12500 Positive Control: COLO205 cell lysate



IHC (Immunohistochemistry)
 Rabbit Anti-SLC5A5 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Adult liver
 Observed Staining: Membrane
 Primary Antibody Concentration: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy2/3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec
 Protocol located in Reviews and Data.

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.
Product Categories/Family for anti-SLC5A5 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Cell Biology; Membrane & Traffic

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://stage.aaabiotech.com/polyclonal/slc5a5-antibody-immunohistochemistry-western-blot-elisa/199303>