

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

SLC5A5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234860	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

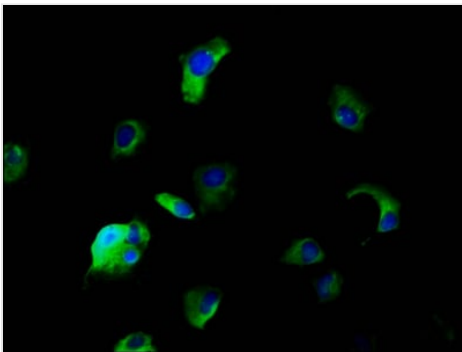
PRODUCT SYNONYMS

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

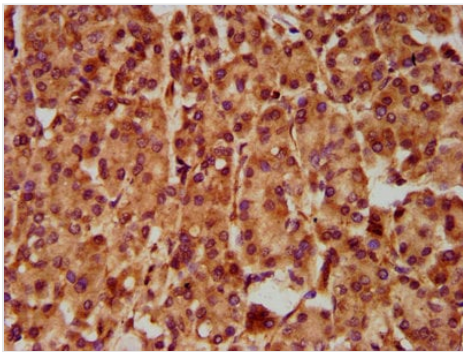
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	643
Applicable Applications for anti-SLC5A5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Sodium/iodide cotransporter protein (547-643AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Human
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

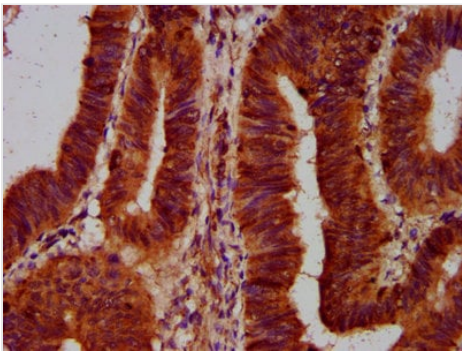
IMAGES



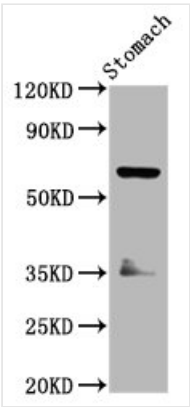
IF (Immunofluorescence)
Immunofluorescence staining of MCF-7 cells with AAA234860 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemisry)
IHC image of AAA234860 diluted at 1:500 and staining in paraffin-embedded human pancreatic cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohiostchemistry)
IHC image of AAA234860 diluted at 1:500 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: Rat stomach tissueAll lanes: SLC5A5 antibody at 3.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 69 KDaObserved band size: 69 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SLC5A5 antibody	Mediates iodide uptake in the thyroid gland.
Product Categories/Family for anti-SLC5A5 antibody	Cancer; Metabolism; Signal Transduction

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/slc5a5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234860>