

Rabbit anti-Human, Mouse SLC5A1 Polyclonal Antibody | anti-SLC5A1 antibody

SLC5A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233292	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

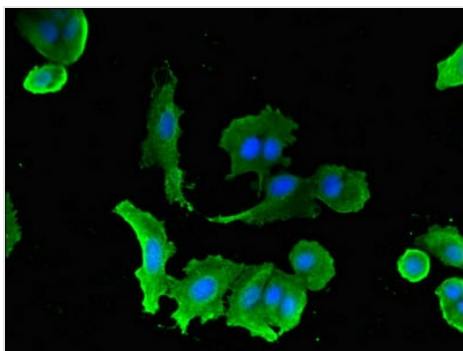
PRODUCT SYNONYMS

SLC5A1; Polyclonal Antibody; SLC5A1 Antibody; Sodium/glucose cotransporter 1; Na(+)/glucose cotransporter 1; High affinity sodium-glucose cotransporter; Solute carrier family 5 member 1; NAGT; SGLT1; anti-SLC5A1 antibody

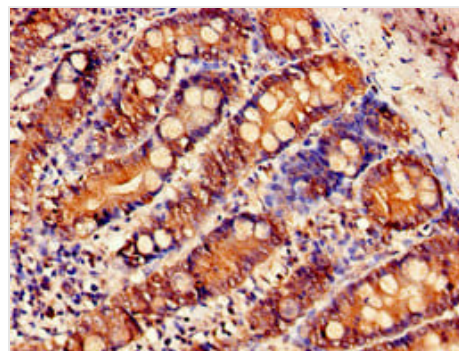
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	664
Applicable Applications for anti-SLC5A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Sodium/glucose cotransporter 1 protein (564-643AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

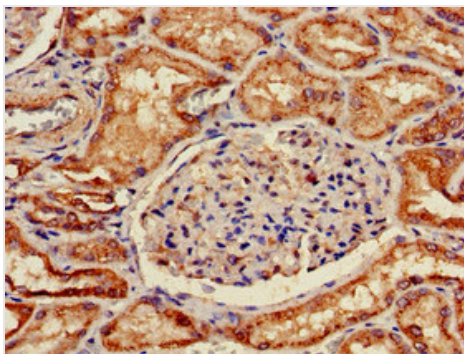
IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of MCF-7 cells using AAA233292 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

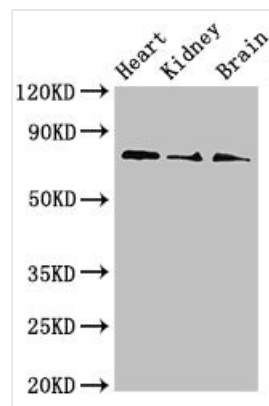

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA233292 at dilution of 1:100.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233292 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Mouse heart tissue, Mouse kidney tissue, Mouse brain tissue. All lanes: SLC5A1 antibody at 4ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 74,61 KDa. Observed band size: 74 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC5A1 antibody

Actively transports glucose into cells by Na⁽⁺⁾ cotransport with a Na⁽⁺⁾ to glucose coupling ratio of 2:1. Efficient substrate transport in mammalian kidney is provided by the concerted action of a low affinity high capacity and a high affinity low capacity Na⁽⁺⁾/glucose cotransporter arranged in series along kidney proximal tubules.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507031
NCBI GeneID	6523
NCBI Accession #	NP_000334.1
NCBI GenBank Nucleotide #	NM_000343.3
UniProt Accession #	P13866; B2R7E2; B7Z4Q9; B7ZA69
Molecular Weight	60,097 Da
NCBI Official Full Name	sodium/glucose cotransporter 1 isoform 1
NCBI Official Synonym Full Names	solute carrier family 5 member 1
NCBI Official Symbol	SLC5A1
NCBI Official Synonym Symbols	NAGT; SGLT1; D22S675
NCBI Protein Information	sodium/glucose cotransporter 1
UniProt Protein Name	Sodium/glucose cotransporter 1
UniProt Gene Name	SLC5A1
UniProt Synonym Gene Names	NAGT; SGLT1; Na ⁽⁺⁾ /glucose cotransporter 1

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/slc5a1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233292>