

Goat anti-Human, Mouse SGLT1 Antibody | anti-SLC5A1 antibody

Goat anti-SGLT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61862	Goat	Human, Mouse	Immunohistochemistry, Immunocytochemistry, Western Blot, ELISA

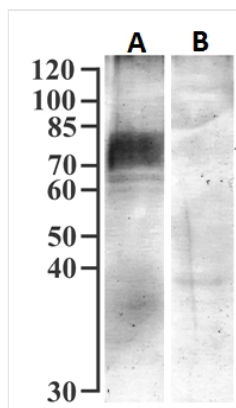
PRODUCT SYNONYMS

SGLT1; Goat anti-SGLT1 Antibody; SLC5A1; solute carrier family 5 (sodium/glucose cotransporter); member 1; D22S675; NAGT; Human Na⁺/glucose cotransporter 1 mRNA; complete cds; sodium/glucose cotransporter 1; solute carrier family 5 (sodium/glucose transporter); anti-SLC5A1 antibody

PRODUCT SPECIFICATIONS

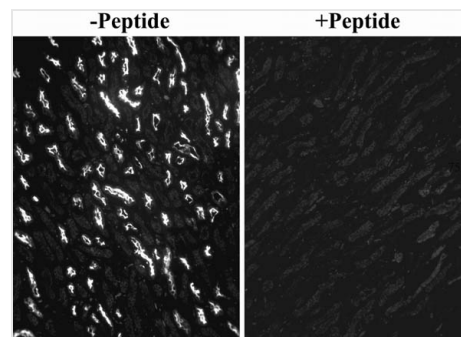
Host	Goat
Reactivity	Human, Mouse
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-SLC5A1 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KETIEIETQVPEKKK, from the internal region of the protein sequence according to NP_000334.1.
Epitope	internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



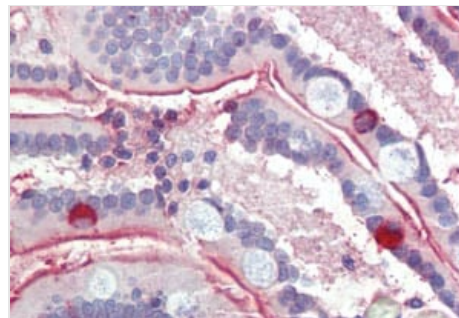
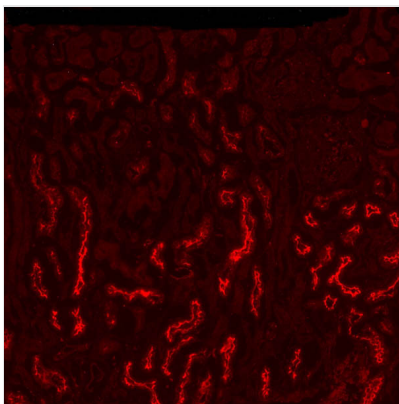
WB (Western Blot)

AAA61862 (1ug/ml) staining of isolated Brush Border Membranes from Human Kidney (75ug protein) with (B) and without (A) blocking with the immunizing peptide. Detected by chemiluminescence. Data obtained from I. Vrhovac and I. Sabolic, Institute for Medical Research and Occupational Health, Zagreb, Croatia.



Application Data

AAA61862 (0.1ug/ml) staining of cryosections of Human Kidney. Data obtained from I. Vrhovac and I. Sabolic, Institute for Medical Research and Occupational Health, Zagreb, Croatia.



IHC (Immunohistochemistry)

AAA61862 (3.8ug/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Application Data

AAA61862 (2.5ug/ml) overnight staining of PFA-perfused cryosections of Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, CY3-staining. Data obtained from I Vrhovac and I Sabolic, Institute for Medical Research and Occupational Health, Zagreb, Croatia.

ADDITIONAL INFORMATION

References	Weihua Z, Tsan R, Huang WC, Wu Q, Chiu CH, Fidler IJ, Hung MC,; Survival of cancer cells is maintained by EGFR independent of its kinase activity,; Cancer Cell 2008 May 13 (5): 385-93.; PMID: 18455122
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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	73,498 Da
NCBI Official Full Name	sodium/glucose cotransporter 1 isoform 1
NCBI Official Synonym Full Names	solute carrier family 5 (sodium/glucose cotransporter), member 1
NCBI Official Symbol	SLC5A1
NCBI Official Synonym Symbols	NAGT; SGLT1; D22S675
NCBI Protein Information	sodium/glucose cotransporter 1; Na ⁺ /glucose cotransporter 1; high affinity sodium-glucose cotransporter
UniProt Protein Name	Sodium/glucose cotransporter 1
UniProt Gene Name	SLC5A1
UniProt Synonym Gene Names	NAGT; SGLT1; Na ⁺ /glucose cotransporter 1
UniProt Entry Name	SC5A1_HUMAN

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/goat-slc5a1-human-mouse-antibody/splt1/61862>