

Rabbit SLC12A1 Polyclonal Antibody | anti-SLC12A1 antibody

Anti-SLC12A1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45726	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunohistochemistry, Western Blot

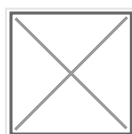
PRODUCT SYNONYMS

SLC12A1; Polyclonal Antibody; Anti-SLC12A1 antibody; Solute carrier family 12 member 1; solute carrier family 12(sodium/potassium/chloride transporters); member 1; BSC1 antibody; Bumetanide sensitive sodium 3 antibody; Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 2 antibody; Kidney specific Na K Cl symporter antibody; Kidney-specific Na-K-Cl symporter antibody; MGC48843 antibody; Na K 2Cl cotransporter antibody; NKCC2 antibody; potassiumchloride cotransporter 2 antibody; S12A1_HUMAN antibody; Slc12a1 antibody; sodium potassium chloride cotransporter 2 antibody; solute carrier family 12(sodium/potassium/chloride transporters) antibody; Solute carrier family 12 member 1 antibody; anti-SLC12A1 antibody

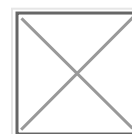
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1099
Applicable Applications for anti-SLC12A1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human SLC12A1 (125-139aa KVNRPSSLLEIHEQLA), identical to the related mouse sequence, different from the related rat sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

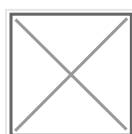
IMAGES


IHC (Immunohistochemistry)

Anti-SLC12A1 antibody, AAA45726, IHC(P)IHC(P): Rat Kidney Tissue


WB (Western Blot)

Anti-SLC12A1 antibody, AAA45726, Western blottingWB: Rat Kidney Tissue Lysate


IHC (Immunohistochemistry)

Anti-SLC12A1 antibody, AAA45726, IHC(F)IHC(F): Rat Kidney Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-SLC12A1 antibody	Description: Rabbit IgG polyclonal antibody for Solute carrier family 12 member 1(SLC12A1) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat. Background: Solute carrier family 12(sodium/potassium/chloride transporters), member 1, also called NKCC2 is specifically found in cells of the thick ascending limb of the loop of Henle in nephrons, the basic functional units of the kidney. This gene is mapped to 15q21.1. This gene encodes a kidney-specific sodium-potassium-chloride cotransporter that is expressed on the luminal membrane of renal epithelial cells of the thick ascending limb of Henle's loop and the macula densa. It plays a key role in concentrating urine and accounts for most of the NaCl resorption. It is sensitive to such diuretics as furosemide and bumetanide. Some Bartter-like syndromes result from defects in this gene. This gene plays a vital role in the regulation of ionic balance and cell volume.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	212276464
NCBI GeneID	6557
UniProt Accession #	Q13621; A8JYA2; E9PDW4
Molecular Weight	– Da
NCBI Official Full Name	Solute carrier family 12 member 1
NCBI Official Synonym Full Names	solute carrier family 12 (sodium/potassium/chloride transporter), member 1
NCBI Official Symbol	SLC12A1
NCBI Official Synonym Symbols	BSC1; NKCC2
NCBI Protein Information	solute carrier family 12 member 1; NKCC2A variant A; Na-K-2Cl cotransporter; kidney-specific Na-K-Cl symporter; bumetanide-sensitive sodium-(potassium)-chloride cotransporter 2; solute carrier family 12 (sodium/potassium/chloride transporters), member 1
UniProt Protein Name	Solute carrier family 12 member 1
UniProt Gene Name	SLC12A1
UniProt Synonym Gene Names	NKCC2
UniProt Entry Name	S12A1_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/polyclonal/slc12a1-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/45726>