

Rabbit anti-Human SLC12A1 Polyclonal Antibody | anti-SLC12A1 antibody

SLC12A1 Antibody

CATALOG # AAA301983	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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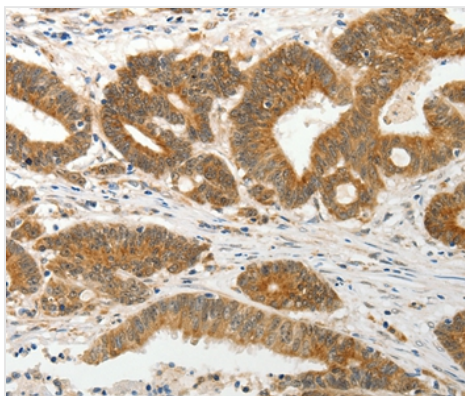
PRODUCT SYNONYMS

SLC12A1; Polyclonal Antibody; SLC12A1 Antibody; BSC1; NKCC2; anti-SLC12A1 antibody

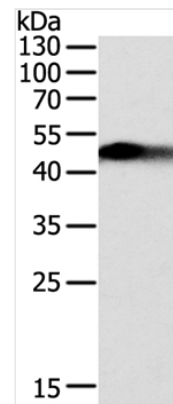
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC12A1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	1099
Applicable Applications for anti-SLC12A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Solute carrier family 12 (sodium/potassium/chloride transporters), member 1
Target Name	SLC12A1
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/15.


Application Data

Gel: 12%SDS-PAGE Lysates (from left to right): Human fetal kidney tissue Amount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-SLC12A1 antibody	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. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their biological validity in humans has not been experimentally proven.
Product Categories/Family for anti-SLC12A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	134254459
NCBI GeneID	6557
NCBI Accession #	NP_000329.2
NCBI GenBank Nucleotide #	NM_000338.2
UniProt Accession #	Q13621; A8JYA2; E9PDW4
Molecular Weight	– Da
NCBI Official Full Name	solute carrier family 12 member 1 isoform A
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
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-western-blot-elisa/301983>