

Rabbit SLC12A1 Polyclonal Antibody | anti-SLC12A1 antibody

SLC12A1 Polyclonal Antibody

CATALOG # AAA166757	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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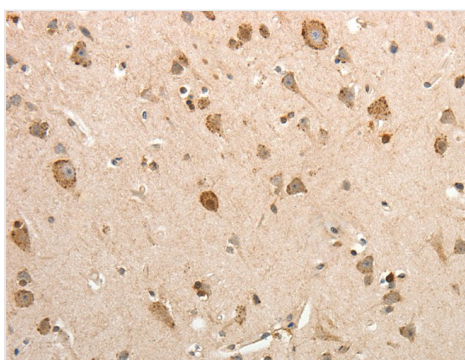
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

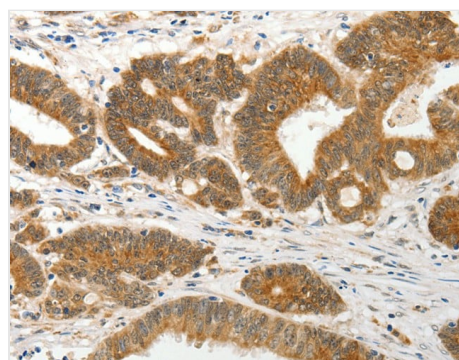
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.5mg/mL (varies by lot)
Sequence Length	1099
Applicable Applications for anti-SLC12A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human SLC12A1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



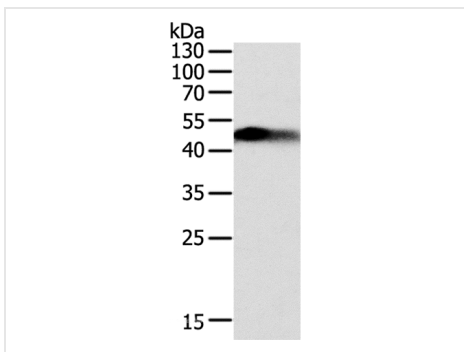
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human brain using SLC12A1 Polyclonal Antibody at dilution of 1:15



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using SLC12A1 Polyclonal Antibody at dilution of 1:15



WB (Western Blot)

Western Blot analysis of Human fetal kidney tissue using SLC12A1 Polyclonal Antibody at dilution of 1:200

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296317278
NCBI GeneID	6557
NCBI Accession #	NP_001171761.1
NCBI GenBank Nucleotide #	NM_001184832.1
Molecular Weight	– Da
NCBI Official Full Name	solute carrier family 12 member 1 isoform F
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; bumetanide-sensitive sodium-(potassium)-chloride cotransporter 2; kidney-specific Na-K-Cl symporter; 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-western-blot-elisa/166757>