

Rabbit SLC12A2 / NKCC1 Polyclonal Antibody | anti-SLC12A2 antibody

Rabbit Polyclonal to Human SLC12A2 / NKCC1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51369	Rabbit	Gibbon, Bovine, Chimpanzee, Dog, Guinea pig, Gorilla, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat Predicted Reactivity: Bat (at least 90% immunogen sequence identity)	Immunohistochemistry

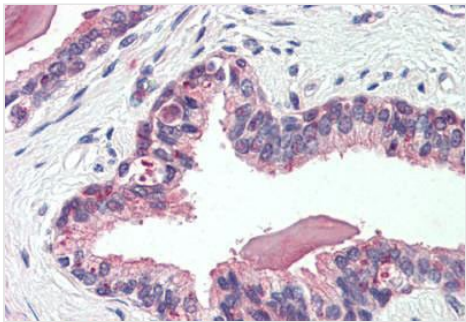
PRODUCT SYNONYMS

SLC12A2 / NKCC1; Polyclonal Antibody; Rabbit Polyclonal to Human SLC12A2 / NKCC1; Anti-SLC12A2 / NKCC1 Antibody (Internal) IHC-plus; SLC12A2; Basolateral Na-K-Cl symporter; BSC2; MBSC2; NKCC1; Sy-ns; BSC; Human SLC12A2; anti-SLC12A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Chimpanzee, Dog, Guinea pig, Gorilla, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat Predicted Reactivity: Bat (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human SLC12A2 / NKCC1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1212
Applicable Applications for anti-SLC12A2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human SLC12A2 / NKCC1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Ferret, Elephant, Panda, Bovine, Dog.
Immunogen Type	Synthetic peptide
Immunogen	SLC12A2 / NKCC1 antibody was raised against synthetic 15 amino acid peptide from internal region of human SLC12A2 / NKCC1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Ferret, Elephant, Panda, Bovine, Dog, Horse, Pig, Opossum, Guinea pig (100%); Bat (93%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Human, Prostate: Formalin-Fixed Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human, Stomach: Formalin-Fixed Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Product Categories/Family for anti-SLC12A2 antibody	Family: Transporter; Subfamily: Cation:chloride symporter
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506975
NCBI GeneID	6558
NCBI Accession #	NP_001037.1
NCBI GenBank Nucleotide #	NM_001046.2
UniProt Accession #	P55011; Q8N713; Q8WWH7
Molecular Weight	129,679 Da
NCBI Official Full Name	solute carrier family 12 member 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 12 (sodium/potassium/chloride transporter), member 2
NCBI Official Symbol	SLC12A2
NCBI Official Synonym Symbols	BSC; BSC2; NKCC1; PPP1R141
NCBI Protein Information	solute carrier family 12 member 2; basolateral Na-K-Cl symporter; protein phosphatase 1, regulatory subunit 141; bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1; solute carrier family 12 (sodium/potassium/chloride transporters), member 2
UniProt Protein Name	Solute carrier family 12 member 2
UniProt Gene Name	SLC12A2
UniProt Synonym Gene Names	NKCC1
UniProt Entry Name	S12A2_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.