

Rabbit anti-Human SLC12A6 Polyclonal Antibody | anti-SLC12A6 antibody

SLC12A6 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287928	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

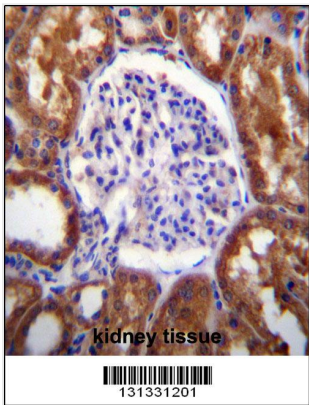
PRODUCT SYNONYMS

SLC12A6; Polyclonal Antibody; SLC12A6 Antibody (N-term); Solute carrier family 12 member 6; Electroneutral potassium-chloride cotransporter 3; K-Cl cotransporter 3; KCC3; anti-SLC12A6 antibody

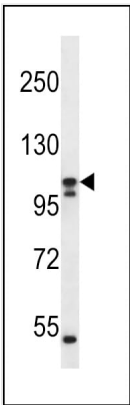
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC12A6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-42 amino acids from the N-terminal region of human SLC12A6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	13-42
Sequence Length	1091
Applicable Applications for anti-SLC12A6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
SLC12A6 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SLC12A6 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SLC12A6 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the SLC12A6 antibody detected the SLC12A6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC12A6 antibody	This gene is a member of the K-Cl cotransporter (KCC) family. K-Cl cotransporters are integral membrane proteins that lower intracellular chloride concentrations below the electrochemical equilibrium potential. The proteins encoded by this gene are activated by cell swelling induced by hypotonic conditions. Alternate splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are associated with agenesis of the corpus callosum with peripheral neuropathy.
Product Categories/Family for anti-SLC12A6 antibody	Neuroscience
References	Rinehart, J., et al. Cell 138(3):525-536(2009) Rudnik-Schoneborn, S., et al. Neuropediatrics 40(3):129-133(2009) de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009) Moser, D., et al. Neuropsychopharmacology 34(2):458-467(2009) Salin-Cantegrel, A., et al. Hum. Mol. Genet. 17(17):2703-2711(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110224452
NCBI GeneID	9990
NCBI Accession #	NP_001035959.1; NP_001035960.1; NP_001035961.1; NP_001035962.1; NP_005126.1; NP_598408.1
NCBI GenBank Nucleotide #	NM_001042494.1
UniProt Accession #	Q9UHW9; Q2VI00; Q7Z2E7; Q7Z4G5; Q8TDD4; Q9UFR2; Q9Y642; Q9Y665; A0AV76
Molecular Weight	127617
NCBI Official Full Name	solute carrier family 12 member 6 isoform c
NCBI Official Synonym Full Names	solute carrier family 12 (potassium/chloride transporter), member 6
NCBI Official Symbol	SLC12A6
NCBI Official Synonym Symbols	KCC3; ACCPN; KCC3A; KCC3B
NCBI Protein Information	solute carrier family 12 member 6

UniProt Protein Name	Solute carrier family 12 member 6
UniProt Gene Name	SLC12A6
UniProt Synonym Gene Names	KCC3
UniProt Entry Name	S12A6_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/slc12a6-antibody-immunohistochemistry-western-blot-elisa/287928>