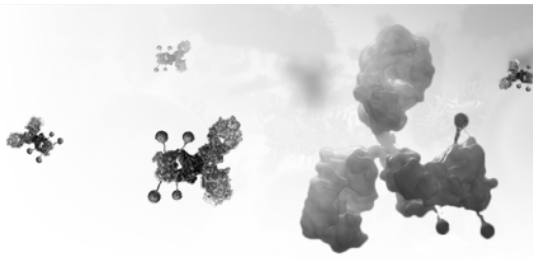

Human SLC12A6 blocking peptide (CDBP1666)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-KCC3/SLC12A6 antibody
Antigen Description	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. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SLC12A6 solute carrier family 12 (potassium/chloride transporters), member 6 [Homo sapiens]
Official Symbol	SLC12A6
Synonyms	SLC12A6; solute carrier family 12 (potassium/chloride transporters), member 6; ACCPN,

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	agenesis of corpus callosum and peripheral neuropathy (Andermann syndrome) , KCC3; solute carrier family 12 member 6; K-Cl cotransporter 3; potassium-chloride transporter-3a; potassium-chloride transporter-3b; potassium chloride cotransporter 3; potassium chloride cotransporter KCC3a-S3; electroneutral potassium-chloride cotransporter 3; KCC3; ACCPN; KCC3A; KCC3B; DKFZp434D2135;
Entrez Gene ID	9990
mRNA Refseq	NM_001042494
Protein Refseq	NP_001035959
UniProt ID	Q9UHW9
Chromosome Location	15q13
Pathway	Cation-coupled Chloride cotransporters, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific biosystem;
Function	potassium:chloride symporter activity; symporter activity; transporter activity;

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