



Human SLC12A2 blocking peptide (CDBP2696)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SLC12A2 antibody
Antigen Description	The protein encoded by this gene mediates sodium and chloride transport and reabsorption. The encoded protein is a membrane protein and is important in maintaining proper ionic balance and cell volume. This protein is phosphorylated in response to DNA damage. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
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	SLC12A2 solute carrier family 12 (sodium/potassium/chloride transporters), member 2 [Homo sapiens]
Official Symbol	SLC12A2
Synonyms	SLC12A2; solute carrier family 12 (sodium/potassium/chloride transporters), member 2; solute carrier family 12 member 2; basolateral Na K Cl symporter; BSC; BSC2; bumetanide sensitive

sodium (potassium) chloride cotransporter 1; NKCC1; basolateral Na-K-Cl symporter;
bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1; MGC104233;

Entrez Gene ID	6558
mRNA Refseq	NM_001046
Protein Refseq	NP_001037
UniProt ID	P55011
Chromosome Location	5q23.3
Pathway	Cation-coupled Chloride cotransporters, organism-specific biosystem; Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	ammonia transmembrane transporter activity; sodium:potassium:chloride symporter activity; symporter activity; transporter activity;