



Human SLC4A8 blocking peptide (CDBP2711)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SLC4A8 antibody
Antigen Description	The protein encoded by this gene is a membrane protein that functions to transport sodium and bicarbonate ions across the cell membrane. The encoded protein is important for pH regulation in neurons. The activity of this protein can be inhibited by 4,4'-Di-isothiocyanostilbene-2,2'-disulfonic acid (DIDS). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 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	SLC4A8 solute carrier family 4, sodium bicarbonate cotransporter, member 8 [Homo sapiens]
Official Symbol	SLC4A8
Synonyms	SLC4A8; solute carrier family 4, sodium bicarbonate cotransporter, member 8; electroneutral sodium bicarbonate exchanger 1; NBC3; k-NBC3; Na ⁺ -driven Cl-HCO ₃ exchanger; solute carrier family 4 member 8; electroneutral Na(+) -driven Cl-HCO ₃ exchanger; NDCBE;

FLJ46462; DKFZp761B2318;

Entrez Gene ID

[9498](#)

mRNA Refseq

[NM_001039960](#)

Protein Refseq

[NP_001035049](#)

UniProt ID

Q2Y0W8

Chromosome Location

12q13

Pathway

Bicarbonate transporters, 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

antiporter activity; inorganic anion exchanger activity; transporter activity;