



## Human SLC4A8 blocking peptide (CDBP2711)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-SLC4A8 antibody
<b>Antigen Description</b>	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-isothiocyanatostilbene-2,2'-disulfonic acid (DIDS). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Ahuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SLC4A8 solute carrier family 4, sodium bicarbonate cotransporter, member 8 [ Homo sapiens ]</a>
<b>Official Symbol</b>	SLC4A8
<b>Synonyms</b>	SLC4A8; solute carrier family 4, sodium bicarbonate cotransporter, member 8; electroneutral sodium bicarbonate exchanger 1; NBC3; k-NBC3; Na+-driven Cl-HCO3 exchanger; solute carrier family 4 member 8; electroneutral Na(+)-driven Cl-HCO3 exchanger; NDCBE;

FLJ46462; DKFZp761B2318;

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<b>Entrez Gene ID</b>	<a href="#">9498</a>
<b>mRNA Refseq</b>	<a href="#">NM_001039960</a>
<b>Protein Refseq</b>	<a href="#">NP_001035049</a>
<b>UniProt ID</b>	Q2Y0W8
<b>Chromosome Location</b>	12q13
<b>Pathway</b>	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;
<b>Function</b>	antiporter activity; inorganic anion exchanger activity; transporter activity;

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