



# Human SLC9A3R2 blocking peptide (CDBP2040)

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-NHERF2 (isoform a) antibody
<b>Antigen Description</b>	This gene encodes a member of the NHERF family of PDZ scaffolding proteins. These proteins mediate many cellular processes by binding to and regulating the membrane expression and protein-protein interactions of membrane receptors and transport proteins. The encoded protein plays a role in intestinal sodium absorption by regulating the activity of the sodium/hydrogen exchanger 3, and may also regulate the cystic fibrosis transmembrane regulator (CFTR) ion channel. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, 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="#">SLC9A3R2 solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 2 [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	SLC9A3R2
<b>Synonyms</b>	SLC9A3R2; solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 2; SIP1; OCTS2; SIP-1; TKA-1; E3KARP; NHERF2; NHE3RF2; NHERF-2; Na(+)/H(+) exchange regulatory cofactor NHE-RF2; NHE3 regulatory factor 2; SRY-interacting protein 1; tyrosine kinase activator protein 1; NHE3 kinase A regulatory protein E3KARP; solute carrier family 9 isoform A3 regulatory factor 2; sodium/hydrogen exchanger 3 kinase A regulatory protein; solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 2; solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2; solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulatory factor 2;
<b>Entrez Gene ID</b>	<a href="#">9351</a>
<b>mRNA Refseq</b>	<a href="#">NM_001130012.2</a>
<b>Protein Refseq</b>	<a href="#">NP_001123484.1</a>
<b>UniProt ID</b>	Q15599
<b>Chromosome Location</b>	16p13.3
<b>Pathway</b>	Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; LPA receptor mediated events, organism-specific biosystem; PDGFR-beta signaling pathway, organism-specific biosystem;
<b>Function</b>	beta-catenin binding; phosphatase binding; protein C-terminus binding; protein binding; receptor binding;