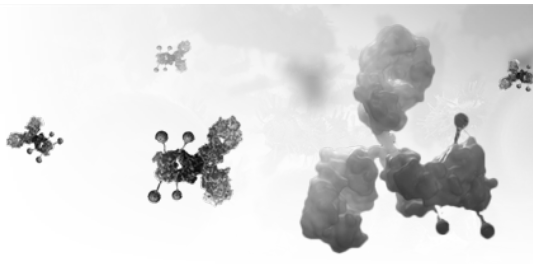

Human SLC9A3R2 blocking peptide (CDBP2041)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-NHERF2 (isoform b) antibody
Antigen Description	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]
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	SLC9A3R2 solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 2 [Homo sapiens (human)]

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Official Symbol	SLC9A3R2
Synonyms	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;
Entrez Gene ID	9351
mRNA Refseq	NM_001130012.2
Protein Refseq	NP_001123484.1
UniProt ID	Q15599
Chromosome Location	16p13.3
Pathway	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;
Function	beta-catenin binding; phosphatase binding; protein C-terminus binding; protein binding; receptor binding;

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