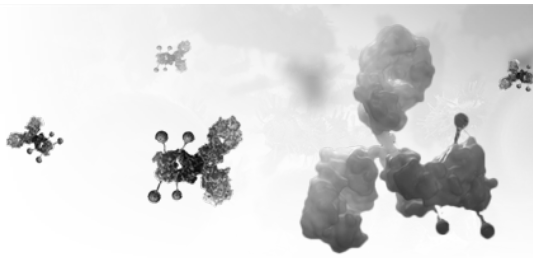

Human SCNN1A blocking peptide (CDBP2616)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SCNN1A antibody
Antigen Description	Nonvoltage-gated, amiloride-sensitive, sodium channels control fluid and electrolyte transport across epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunits: alpha, beta, and gamma. This gene encodes the alpha subunit, and mutations in this gene have been associated with pseudohypoaldosteronism type 1 (PHA1), a rare salt wasting disease resulting from target organ unresponsiveness to mineralocorticoids. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Apr 2009]
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	SCNN1A sodium channel, non-voltage-gated 1 alpha subunit [Homo sapiens]
Official Symbol	SCNN1A
Synonyms	SCNN1A; sodium channel, non-voltage-gated 1 alpha subunit; SCNN1, sodium channel, non

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	voltage gated 1 alpha , sodium channel, nonvoltage gated 1 alpha; amiloride-sensitive sodium channel subunit alpha; ENaCalpha; alpha-ENaC; alpha-NaCH; alpha ENaC-2; epithelial Na(+) channel subunit alpha; sodium channel, nonvoltage-gated 1 alpha; nasal epithelial sodium channel alpha subunit; nonvoltage-gated sodium channel 1 subunit alpha; amiloride-sensitive sodium channel subunit alpha 2; amiloride-sensitive epithelial sodium channel alpha subunit; BESC2; ENaCa; SCNEA; SCNN1; FLJ21883;
Entrez Gene ID	6337
mRNA Refseq	NM_001038
Protein Refseq	NP_001029
UniProt ID	P37088
Chromosome Location	12p13
Pathway	Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Taste transduction, organism-specific biosystem; Taste transduction, conserved biosystem;
Function	WW domain binding; actin binding; ion channel activity; ligand-gated sodium channel activity; protein binding;

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