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Product datasheet for TA308766

epithelial Sodium Channel alpha (SCNN1A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 182 and 459 of SCNN1A (Uniprot ID#P37088)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	76 kDa
Gene Name:	sodium channel epithelial 1 alpha subunit
Database Link:	NP_001029 Entrez Gene 6337 Human P37088
Background:	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]
Synonyms:	BESC2; ENaCa; ENaCalpha; SCNEA; SCNN1
Note:	Seq homology of immunogen across species: Human (100%)
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane

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Protein Pathways: Taste transduction