

SCNN1A rabbit monoclonal antibody

Catalog # H00006337-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SCNN1A peptide using ARM Technology.
Immunogen	A synthetic peptide of human SCNN1A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SCNN1A peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SCNN1A

Entrez GeneID	6337
GeneBank Accession#	SCNN1A
Gene Name	SCNN1A
Gene Alias	ENaCa, ENaCalpha, FLJ21883, SCNEA, SCNN1
Gene Description	sodium channel, nonvoltage-gated 1 alpha
Omim ID	264350 600228
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	alpha ENaC-2 amiloride-sensitive epithelial sodium channel alpha subunit nasal epithelial sodium channel alpha subunit

Pathway

- [Taste transduction](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Calcinosis](#)

- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Heart Defects](#)
- [Hematologic Diseases](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Migraine Disorders](#)
- [Musculoskeletal Diseases](#)
- [Obesity](#)

- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Skin Diseases](#)
- [Stroke](#)