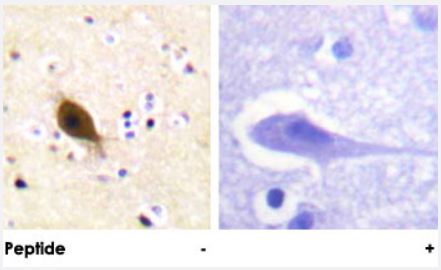
SCNN1B polyclonal antibody

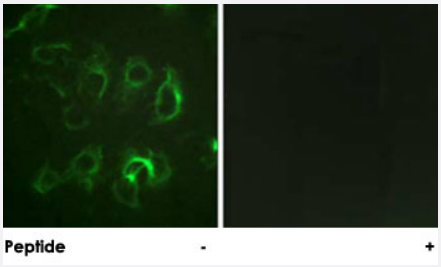
Catalog # PAB18414 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using SCNN1B polyclonal antibody (Cat # PAB18414).
Peptide "+" means "peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HUVEC cells, using SCNN1B polyclonal antibody (Cat # PAB18414).
Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SCNN1B.
Immunogen	A synthetic peptide corresponding to human SCNN1B.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to SCNN1B.
Form	Liquid
Purification	Affinity purification

Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human brain tissue using SCNN1B polyclonal antibody (Cat # PAB18414). Peptide "+" means "peptide blocking".

- Immunofluorescence

  Immunofluorescence analysis of HUVEC cells, using SCNN1B polyclonal antibody (Cat # PAB18414). Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SCNN1B

Entrez GeneID	6338
Protein Accession#	P51168
Gene Name	SCNN1B
Gene Alias	ENaCb, ENaCbeta, SCNEB
Gene Description	sodium channel, nonvoltage-gated 1, beta
Omim ID	177200 264350 600760
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 beta subunit, and mutations in this gene have been associated with pseudohypoaldosteronism type 1 (PHA1), and Liddle syndrome. [provided by RefSeq
Other Designations	epithelial sodium channel beta-2 subunit|epithelial sodium channel beta-3 subunit|nasal epithelial sodium channel beta subunit

Pathway

- Taste transduction

Disease

- Atherosclerosis
- Calcinosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Cystic fibrosis
- Diabetes Mellitus
- Eclampsia
- Edema
- Genetic Predisposition to Disease
- Heart Failure
- Hyperparathyroidism
- Hypertension
- Hypokalemia
- Hypotension
- Kidney Failure
- Pre-Eclampsia