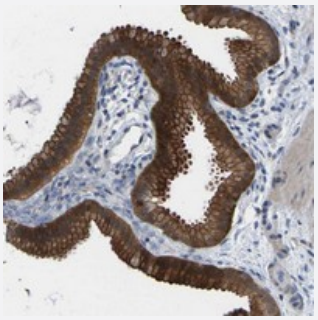
SCNN1A polyclonal antibody

Catalog # PAB20617 Size 100 uL

Applications



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

Immunohistochemical staining of human gallbladder with SCNN1A polyclonal antibody (Cat # PAB20617) shows strong cytoplasmic and membranous positivity in glandular cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SCNN1A.
Immunogen	Recombinant protein corresponding to amino acids of human SCNN1A.
Sequence	RYPEIKEELEELDRITEQTLFDLYKYSSFTTLVAGSRSRRDLRGTLPHPLQRLRVPPPPHGARRAR SVASSLRDNNPQVDWKDWKIGFQL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage 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.

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Gene Info — SCNN1A

Entrez GeneID	6337
Protein Accession#	P37088
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 acr oss epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunit s: 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 resul ting from target organ unresponsiveness to mineralocorticoids. Alternatively spliced transcript vari ants 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