

SCNN1G Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2855a**Specification**

SCNN1G Antibody (C-Term) - Product Information

Application	E
Primary Accession	P51170
Other Accession	NP_001030.2 , 6340
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	74270

SCNN1G Antibody (C-Term) - Additional Information**Gene ID** 6340**Other Names**

Amiloride-sensitive sodium channel subunit gamma, Epithelial Na(+) channel subunit gamma, ENaCG, Gamma-ENaC, Gamma-NaCH, Nonvoltage-gated sodium channel 1 subunit gamma, SCNEG, SCNN1G

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SCNN1G Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SCNN1G Antibody (C-Term) - Protein Information**Name** SCNN1G**Function**

Sodium permeable non-voltage-sensitive ion channel inhibited by the diuretic amiloride. Mediates the electrodiffusion of the luminal sodium (and water, which follows osmotically) through the apical membrane of epithelial cells. Plays an essential role in electrolyte and blood pressure homeostasis, but also in airway surface liquid homeostasis, which is important for proper clearance of mucus. Controls the reabsorption of sodium in kidney, colon, lung and sweat glands. Also plays a role in taste perception.

Cellular Location

Apical cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:P37089}.
Note=Apical membrane of epithelial cells.

Tissue Location

Expressed in kidney (at protein level).

SCNN1G Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SCNN1G Antibody (C-Term) - Images**SCNN1G Antibody (C-Term) - References**

Steroid-mediated regulation of the epithelial sodium channel subunits in mammary epithelial cells.
Boyd C, Náray-Fejes-Tóth A. Endocrinology. 2007 Aug;148(8):3958-67. PMID: 17510235