

ENaC β Polyclonal Antibody
Catalog # AP69734**Specification**

ENaC β Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P51168
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

ENaC β Polyclonal Antibody - Additional Information**Gene ID** 6338**Other Names**

SCNN1B; Amiloride-sensitive sodium channel subunit beta; Beta-NaCH; Epithelial Na(+) channel subunit beta; Beta-ENaC; ENaCB; Nonvoltage-gated sodium channel 1 subunit beta; SCNEB

Dilution

WB~WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ENaC β Polyclonal Antibody - Protein Information**Name** SCNN1B**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}. Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:P37090}. Note=Apical membrane of epithelial cells.

Tissue Location

Detected in placenta, lung and kidney (PubMed:7762608). Expressed in kidney (at protein level)

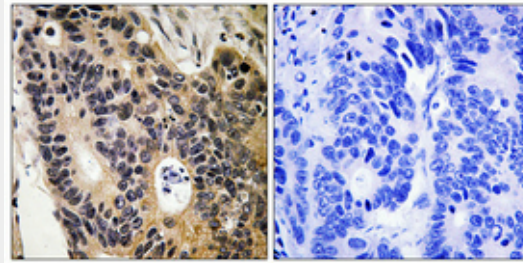
(PubMed:22207244).

ENaC β Polyclonal Antibody - 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](#)

ENaC β Polyclonal Antibody - Images



ENaC β Polyclonal Antibody - Background

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.