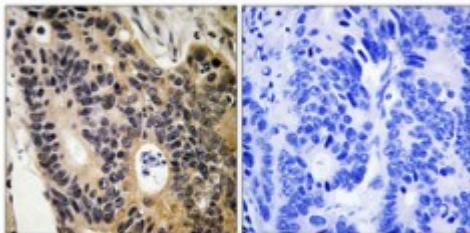


Anti-ENaC beta antibody



| | |
|--------------------|---------------------------------|
| Description | Rabbit polyclonal to ENaC beta. |
|--------------------|---------------------------------|

| | |
|---------------------------|---|
| Model | STJ92916 |
| Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Applications | ELISA, IF, IHC |
| Immunogen | Synthesized peptide derived from human ENaC beta around the non-phosphorylation site of T615. |
| Immunogen Region | 550-630 aa |
| Gene ID | 6338 |
| Gene Symbol | SCNN1B |
| Dilution range | IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000 |
| Specificity | ENaC beta Polyclonal Antibody detects endogenous levels of ENaC beta protein. |
| Tissue Specificity | Detected in placenta, lung and kidney . Expressed in kidney (at protein level). |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Note | For Research Use Only (RUO). |
| Protein Name | Amiloride-sensitive sodium channel subunit beta Beta-NaCH Epithelial Na + channel subunit beta Beta-ENaC ENaCB Nonvoltage-gated sodium channel 1 subunit beta SCNEB |

| | |
|---|---|
| Molecular Weight | 72 kDa |
| Clonality | Polyclonal |
| Conjugation | Unconjugated |
| Isotype | IgG |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Concentration | 1 mg/ml |
| Storage Instruction | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| Database Links | HGNC:10600 OMIM:177200 |
| Alternative Names | Amiloride-sensitive sodium channel subunit beta Beta-NaCH Epithelial Na + channel subunit beta Beta-ENaC ENaCB Nonvoltage-gated sodium channel 1 subunit beta SCNEB |
| 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 Localization | Apical cell membrane Cytoplasmic vesicle membrane. Apical membrane of epithelial cells. |
| Post-translational Modifications | Phosphorylated on serine and threonine residues. Aldosterone and insulin increase the basal level of phosphorylation. N-glycosylated. N-glycosylation is required for interaction with BPIFA1. |

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com