

ENaC δ rabbit pAb**Cat#: orb770002 (Manual)**

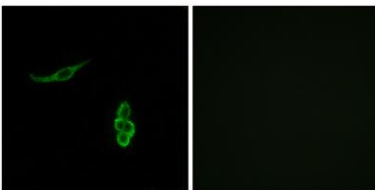
For research use only. Not intended for diagnostic use.

| | |
|---------------------------------|---|
| Product Name | ENaC δ rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human SCNN1D. AA range:411-460 |
| Specificity | ENaC δ Polyclonal Antibody detects endogenous levels of ENaC δ protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Amiloride-sensitive sodium channel subunit delta |
| Gene Name | SCNN1D |
| Cellular localization | Cell membrane ; Multi-pass membrane protein . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |

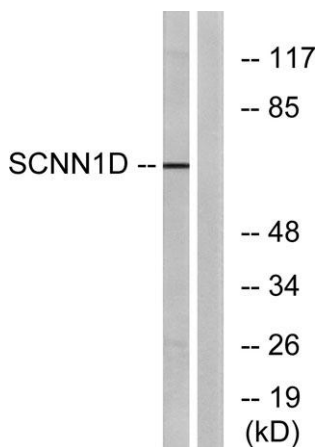
| | |
|--------------------------------|--|
| Concentration | 1 mg/ml |
| Observed band | 70kD |
| Human Gene ID | 6339 |
| Human Swiss-Prot Number | P51172 |
| Alternative Names | SCNN1D; DNACH; Amiloride-sensitive sodium channel subunit delta; Delta-NaCH; Epithelial Na(+) channel subunit delta; Delta-ENaC; ENaCD; Nonvoltage-gated sodium channel 1 subunit delta; SCNED |

Background

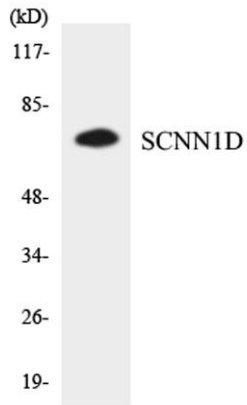
function:Sodium permeable non-voltage-sensitive ion channel inhibited by the diuretic amiloride. Mediates the electrodiffusion of the luminal sodium (and water, which follows osmotically) through the apical membrane of epithelial cells. Controls the reabsorption of sodium in kidney, colon, lung and sweat glands. Also plays a role in taste perception.,similarity:Belongs to the amiloride-sensitive sodium channel family.,subunit:Heterotetramer of two alpha, one beta and one gamma subunit. A delta subunit can replace the alpha subunit.,



Immunofluorescence analysis of A549 cells, using SCNN1D Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from RAW264.7 cells, using SCNN1D Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using SCNN1D antibody.