

**Anti-Delta-NaCH Antibody**  
Catalog # AP53779**Specification**

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**Anti-Delta-NaCH Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P51172</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 87850                  |

**Anti-Delta-NaCH Antibody - Additional Information**

Gene ID 6339

**Other Names**

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

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Delta-NaCH. The exact sequence is proprietary.

**Dilution**

WB~~1/500 - 1/1000

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-Delta-NaCH Antibody - Protein Information**Name SCNN1D ([HGNC:10601](#))**Function**

Potential alternative pore-forming subunit of the epithelial sodium channel (ENaC), capable of replacing the alpha/SCNN1A subunit, creating a more active channel with distinct properties (PubMed: [16423824](http://www.uniprot.org/citations/16423824), PubMed: [19520916](http://www.uniprot.org/citations/19520916), PubMed: [22505667](http://www.uniprot.org/citations/22505667)). ENaC functions in epithelial tissues, where it facilitates the electrodiffusion of sodium ions from the extracellular fluid through the apical membrane of cells, with water following osmotically, regulating sodium balance and fluid homeostasis (PubMed: [16423824](http://www.uniprot.org/citations/16423824), PubMed: [16423824](#)).

<http://www.uniprot.org/citations/19520916> target="\_blank">19520916</a>, PubMed:<a href="http://www.uniprot.org/citations/7499195" target="\_blank">7499195</a>). This subunit could also function independently as a sodium channel or assemble into other tissue-specific heterotrimeric sodium channels (PubMed:<a href="http://www.uniprot.org/citations/7499195" target="\_blank">7499195</a>).

#### Cellular Location

Apical cell membrane; Multi-pass membrane protein

#### Tissue Location

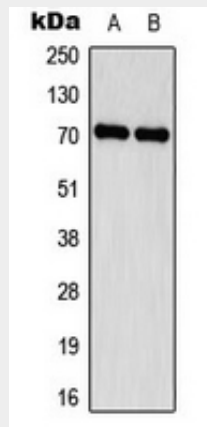
Not specifically expressed in epithelial cells.

### Anti-Delta-NaCH 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](#)

### Anti-Delta-NaCH Antibody - Images



Western blot analysis of Delta-NaCH expression in HEK293A (A), MDA-MB231 (B) whole cell lysates.

### Anti-Delta-NaCH Antibody - Background

Rabbit polyclonal antibody to Delta-NaCH