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# ACCN5 Antibody (C-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP17951b**

## Specification

### ACCN5 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9NY37

### ACCN5 Antibody (C-term) Blocking Peptide - Additional Information

**Gene ID** 51802

**Other Names**
Acid-sensing ion channel 5, ASIC5, Amiloride-sensitive cation channel 5, Human intestine Na(+) channel, HINaC, ASIC5, ACCN5, HINAC

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### ACCN5 Antibody (C-term) Blocking Peptide - Protein Information

**Name** ASIC5 (HGNC:17537)

**Function**
Forms bile acid-gated sodium channels and may play a role in bile acid-dependent absorption and secretion by epithelial cells of the bile ducts (PubMed:<a href="http://www.uniprot.org/citations/10767424" target="_blank">10767424</a>, PubMed:<a href="http://www.uniprot.org/citations/22735174" target="_blank">22735174</a>). Displays high selectivity for sodium ions but can also permit the permeation of other cations (Probable). The gating could be indirect and the consequence of alterations of the membrane environment of the channel by bile acids (By similarity). As a sodium channel of type II unipolar brush cells of the vestibulocerebellum, controlling the electrical activity of these cells, could play a role in motor coordination and balance (By similarity).

**Cellular Location**
Apical cell membrane {ECO:0000250|UniProtKB:Q9R0W5}; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

**Tissue Location**
Detected in small intestine, duodenum and jejunum. Detected at very low levels in testis and rectum

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## ACCN5 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

## ACCN5 Antibody (C-term) Blocking Peptide - Images

## ACCN5 Antibody (C-term) Blocking Peptide - Background

This gene belongs to the amiloride-sensitive Na+ channeland degenerin (NaC/DEG) family, members of which have beenidentified in many animal species ranging from the nematode tohuman. The amiloride-sensitive Na(+) channel encoded by this geneis primarily expressed in the small intestine, however, its exactfunction is not known.

## ACCN5 Antibody (C-term) Blocking Peptide - References

Schaefer, L., et al. FEBS Lett. 471 (2-3), 205-210 (2000) :