

ACCN5 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17951b**Specification**

ACCN5 Antibody (C-term) Blocking Peptide - Product InformationPrimary 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:10767424, PubMed:22735174). 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

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⁺ channel and degenerin (NaC/DEG) family, members of which have been identified in many animal species ranging from the nematode to human. The amiloride-sensitive Na⁽⁺⁾ channel encoded by this gene is primarily expressed in the small intestine, however, its exact function is not known.

ACCN5 Antibody (C-term) Blocking Peptide - References

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