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ACCN5 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17951b

Specification

ACCN5 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9NY37
Other Accession	NP_059115.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**57464**
Antigen Region	**388-414**

ACCN5 Antibody (C-term) - 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

Target/Specificity
This ACCN5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 388-414 amino acids from the C-terminal region of human ACCN5.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ACCN5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ACCN5 Antibody (C-term) - 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

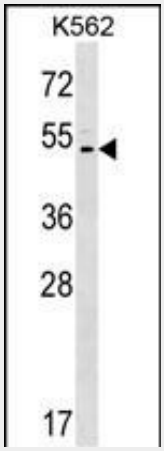
Tissue Location
Detected in small intestine, duodenum and jejunum. Detected at very low levels in testis and rectum

ACCN5 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ACCN5 Antibody (C-term) - Images



ACCN5 Antibody (C-term) (Cat. #AP17951b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the ACCN5 antibody detected the ACCN5 protein (arrow).

ACCN5 Antibody (C-term) - 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) - References

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