

**ACCN5 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54737****Specification****ACCN5 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q9NY37</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57464

**ACCN5 Polyclonal Antibody - 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

**Dilution**

IHC-P ~ ~ N/A  
IHC-F ~ ~ N/A  
IF ~ ~ 1:50 ~ 200  
ICC ~ ~ N/A  
E ~ ~ N/A

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**ACCN5 Polyclonal Antibody - 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](http://www.uniprot.org/citations/10767424), PubMed: [22735174](http://www.uniprot.org/citations/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 Polyclonal 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](#)

**ACCN5 Polyclonal Antibody - Images**