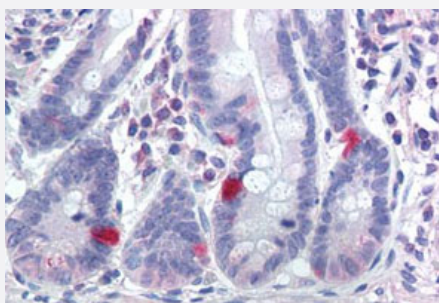


SCN9A polyclonal antibody

Catalog # PAB27816

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human small intestine, neuroendocrine cells with SCN9A polyclonal antibody (Cat # PAB27816). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SCN9A.
Immunogen	A synthetic peptide corresponding to 17 amino acid at internal region of human SCN9A.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SCN8A (71%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — SCN9A

Entrez GeneID	6335
Protein Accession#	Q15858
Gene Name	SCN9A
Gene Alias	ETHA, NE-NA, NENA, Nav1.7, PN1
Gene Description	sodium channel, voltage-gated, type IX, alpha subunit
Omim ID	133020 167400 243000 603415
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a voltage-gated sodium channel which plays a significant role in nociception signaling. Mutations in this gene have been associated with primary erythralgia, channelopathy-associated insensitivity to pain, and paroxysmal extreme pain disorder. [provided by RefSeq]
Other Designations	sodium channel, voltage-gated, type IX, alpha sodium channel, voltage-gated, type IX, alpha polypeptide voltage-gated sodium channel alpha subunit Nav1.7

Disease

- [Abnormalities](#)
- [Borderline Personality Disorder](#)
- [Electroshock](#)
- [Epilepsy](#)

- [Genetic Predisposition to Disease](#)
- [Migraine without Aura](#)
- [Pain](#)
- [Pain Threshold](#)
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- [Syndrome](#)
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