

Datasheet for ABIN1739064

anti-SCN9A antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	SCN9A
Binding Specificity:	AA 460-510, Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic 17 amino acid peptide from internal region (aa460-510) of human SCN9A / Nav1.7. Percent identity with other species by BLAST analysis: Human (100%), Gorilla (100%), Gibbon (100%), Monkey (100%), Marmoset (94%), Mouse (94%), Panda (94%), Dog (94%)
Isotype:	IgG
Specificity:	Reacts with SCN9A from Human, Gorilla, Gibbon
Cross-Reactivity (Details):	Predicted to cross react with Monkey, Mouse, Bovine, Dog, Horse, Pig, Rabbit (>90 % homology). BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SCN8A (71 %).
Purification:	Antigen affinity purified

Target Details

Target:	SCN9A
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Target Details

Alternative Name:	SCN9A / Nav1.7 (SCN9A Products)
Background:	This sodium channel is involved in the development of inflammatory pain.
Gene ID:	6335

Application Details

Application Notes:	Working dilution: Optimal dilutions should be determined by the end user. The following are guidelines only: IHC-P (10 µg/mL)
Restrictions:	For Research Use only

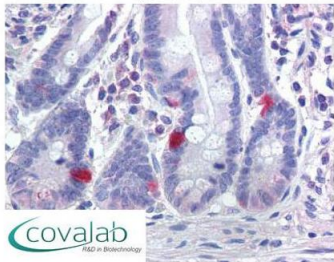
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, Sodium azide 0.1 %
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-80 °C
Storage Comment:	Long term: -70°C, Short term: +4°C

Images

IHC : SCN9A / Nav1.7 (Internal) antibody

(pab73177)



Anti-SCN9A / Nav1.7 antibody pab73177 IHC staining of human small intestine, neuroendocrine cells.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Image 1.