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Datasheet for ABIN7192279 anti-SCN2A antibody

2 Images



Overview

Quantity:	100 µL
Target:	SCN2A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN2A antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

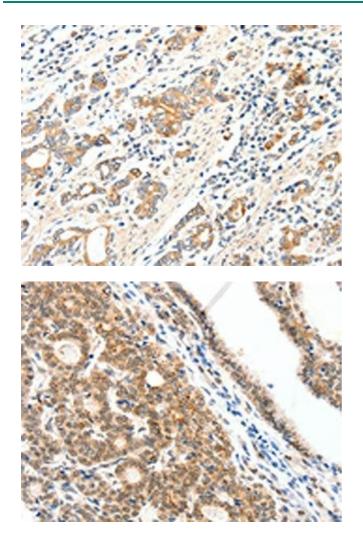
Immunogen:	Synthetic peptide of Human SCN2A
Isotype:	lgG
Cross-Reactivity:	Human, Rat
Purification:	Antigen affinity purification

Target Details

Target:	SCN2A
Alternative Name:	SCN2A (SCN2A Products)
Background:	Background: Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit with 24 transmembrane domains and one or more regulatory beta subunits. They are responsible for the generation and propagation of action
	potentials in neurons and muscle. This gene encodes one member of the sodium channel alpha

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	 subunit gene family. It is heterogeneously expressed in the brain, and mutations in this gene have been linked to several seizure disorders. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. Aliases: HBSC II antibody, NAC2 antibody, Scn2a antibody, SCN2A_HUMAN antibody, SCN2A1 antibody, SCN2A2 antibody, Sodium channel protein brain II subunit alpha antibody, Sodium channel protein type 2 subunit alpha antibody, Sodium channel protein type II subunit alpha antibody, Sodium channel protein, brain II subunit alpha antibody, Voltage gated sodium channel subunit alpha Nav1.2 antibody, Voltage-gated sodium channel subunit alpha Nav1.2 antibody
UniProt:	Q99250
Application Details	
Application Notes:	ELISA:1:1000-1:5000, IHC:1:25-1:100,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ABIN7192279(SCN2A Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7192279(SCN2A Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

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