Datasheet for ABIN7169921

anti-SCN11A antibody (AA 403-551) (Biotin)

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Overview

Quantity:	100 µg
Target:	SCN11A
Binding Specificity:	AA 403-551
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN11A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sodium channel protein type 11 subunit alpha protein (403-551AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SCN11A
Alternative Name:	SCN11A (SCN11A Products)
Background:	Background: This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference

Target Details

	across the membrane, the protein forms a sodium-selective channel through which sodium ions may pass in accordance with their electrochemical gradient. It is a tetrodotoxin-resistant sodium channel isoform. Also involved, with the contribution of the receptor tyrosine kinase NTRK2, in rapid BDNF-evoked neuronal depolarization. Aliases: hNaN antibody, NaN antibody, NAV1.9 antibody, Peripheral nerve sodium channel 5 antibody, PN 5 antibody, PN5 antibody, SCN 11A antibody, SCN 12A antibody, Scn11a antibody, SCN12A antibody, SCNBA_HUMAN antibody, Sensory neuron sodium channel 2 antibody, SNS 2 antibody, SNS2 antibody, Sodium channel protein type 11 subunit alpha antibody, Sodium channel protein type XI subunit alpha antibody, Sodium channel voltage gated type XI alpha antibody, Sodium channel voltage gated type XI alpha polypeptide antibody, Sodium channel voltage gated type XI alpha subunit antibody, Sodium channel voltage gated type XII alpha polypeptide antibody, Voltage gated sodium channel Nav1.9 antibody, Voltage gated sodium channel subunit alpha Nav1.9 antibody, Voltage-gated sodium channel subunit alpha Nav1.9 antibody
UniProt:	Q9UI33

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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.