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Datasheet for ABIN7169917
anti-SCN1A antibody (AA 992-1099) (Biotin)

Overview

Quantity:	100 µg
Target:	SCN1A
Binding Specificity:	AA 992-1099
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN1A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sodium channel protein type 10 subunit alpha protein (992-1099AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SCN1A
Alternative Name:	SCN1A (SCN1A Products)
Background:	Background: Tetrodotoxin-resistant channel that mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response

Target Details

to the voltage difference across the membrane, the protein forms a sodium-selective channel through which sodium ions may pass in accordance with their electrochemical gradient. Plays a role in neuropathic pain mechanisms.

Aliases: hPN3 antibody, mPN3 antibody, Peripheral nerve sodium channel 3 antibody, Pn3 (gene name) antibody, PN3 antibody, SCN10A antibody, SCNAA_HUMAN antibody, Sensory neuron sodium channel antibody, Sns (gene name) antibody, SNS antibody, Sodium channel protein type 10 subunit alpha antibody, Sodium channel protein type X alpha subunit antibody, Sodium channel protein type X subunit alpha antibody, Voltage-gated sodium channel alpha subunit Nav1.8 antibody, Voltage-gated sodium channel subunit alpha Nav1.8 antibody

UniProt: [Q9Y5Y9](#)

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.