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Datasheet for ABIN7169919
anti-SCN1A antibody (AA 992-1099) (HRP)

Overview

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