

Datasheet for ABIN7169930

anti-SCN9A antibody (AA 1849-1988) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SCN9A
Binding Specificity:	AA 1849-1988
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN9A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sodium channel protein type 9 subunit alpha protein (1849-1988AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SCN9A
Alternative Name:	SCN9A (SCN9A Products)
Background:	Background: Mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the

Target Details

membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient (PubMed:7720699, PubMed:17167479, PubMed:25240195, PubMed:26680203, PubMed:15385606, PubMed:16988069, PubMed:17145499, PubMed:19369487, PubMed:24311784). It is a tetrodotoxin-sensitive Na(+) channel isoform (PubMed:7720699). Plays a role in pain mechanisms, especially in the development of inflammatory pain (PubMed:17167479, PubMed:17145499, PubMed:19369487, PubMed:24311784).

Aliases: ETHA antibody, GEFSP7 antibody, hNE Na antibody, hNE-Na antibody, hNENa antibody, NE NA antibody, NENA antibody, Neuroendocrine sodium channel antibody, Peripheral sodium channel 1 antibody, PN1 antibody, Scn9a antibody, SCN9A_HUMAN antibody, Sodium channel protein type 9 subunit alpha antibody, Sodium channel protein type IX subunit alpha antibody, Sodium channel voltage gated type IX alpha antibody, Sodium channel voltage gated type IX alpha polypeptide antibody, Sodium channel voltage gated type IX alpha subunit antibody, Voltage gated sodium channel alpha subunit Nav1.7 antibody, Voltage gated sodium channel subunit alpha Nav1 antibody, Voltage-gated sodium channel subunit alpha Nav1.7 antibody

UniProt: [Q15858](#)

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.