



[Go to Product page](#)

Datasheet for ABIN6719653  
**anti-SCN4B antibody**

### Overview

Quantity:	100 µg
Target:	SCN4B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN4B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	Rabbit IgG polyclonal antibody for SCN4B detection. Tested with WB, IHC-P in Human, Mouse, Rat.
Immunogen:	A synthetic peptide corresponding to a sequence of human SCN4B (LRDLEFSDTGKYTCHVKNPKENNLQHHATIFLQ).
Sequence:	LRDLEFSDTG KYTCHVKNPK ENNLQHHATI FLQ
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for SCN4B detection. Tested with WB, IHC-P in Human, Mouse, Rat.
Purification:	Immunogen affinity purified.

## Target Details

---

Target:	SCN4B
Alternative Name:	SCN4B ( <a href="#">SCN4B Products</a> )
Background:	<p>Synonyms: Sodium channel subunit beta-4, SCN4B</p> <p>Background: Sodium channel <math>\beta</math>-subunit 4, also known as SCN4B or Na<math>\beta</math>4, is a protein that in humans is encoded by the SCN4B gene. The protein encoded by this gene is one of several sodium channel beta subunits. These subunits interact with voltage-gated alpha subunits to change sodium channel kinetics. The encoded transmembrane protein forms interchain disulfide bonds with SCN2A. Defects in this gene are a cause of long QT syndrome type 10 (LQT10). Three protein-coding and one non-coding transcript variant have been found for this gene.</p>
Gene ID:	6330

## Application Details

---

Application Notes:	Application details: Western blot 0.1-0.5 $\mu$ g/mL Immunohistochemistry(Paraffin-embedded Section) 0.5-1 $\mu$ g/mL
Comment:	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users.
Restrictions:	For Research Use only

## Handling

---

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 $\mu$ g/mL.
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Sodium azide.
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:	4 °C,-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing

and thawing.