

Datasheet for ABIN2855827
anti-SCN3B antibody (Center)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	SCN3B
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN3B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SCN3B. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Monkey, Rat (Rattus), Cow (Bovine)
Cross-Reactivity (Details):	Mouse (98 %), Monkey (99 %), Rat (98 %), Bovine (98 %)
Characteristics:	Rabbit polyclonal antibody to SCN3B (sodium channel, voltage-gated, type III, beta) SCN3B antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SCN3B
Alternative Name:	SCN3B (SCN3B Products)
Background:	<p>Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. This gene encodes one member of the sodium channel beta subunit gene family, and influences the inactivation kinetics of the sodium channel. Two alternatively spliced variants, encoding the same protein, have been identified.</p> <p>Cellular Localization: Membrane, Single-pass type I membrane protein</p>
Molecular Weight:	25 kDa
Gene ID:	55800

Application Details

Application Notes:	<p>Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.</p> <p>*Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*</p>
Comment:	Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2
Restrictions:	For Research Use only

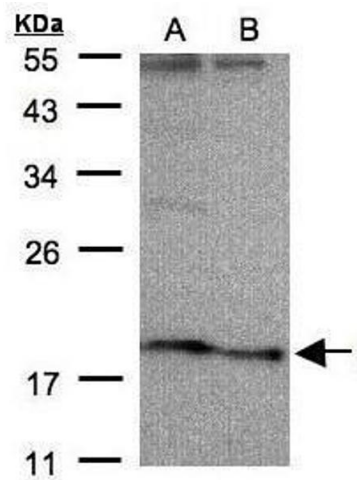
Handling

Format:	Liquid
Concentration:	0.55 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

Product cited in: Yang, Chien, Lai, Su, Jan, Hsiao, Chen: "Monoamine Oxidase B Expression Correlates with a Poor Prognosis in Colorectal Cancer Patients and Is Significantly Associated with Epithelial-to-Mesenchymal Transition-Related Gene Signatures." in: **International journal of molecular sciences**, Vol. 21, Issue 8, (2020) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Image Sample(30 µg of whole cell lysate)
A:HeLa S3, B:Hep G2, 12% SDS PAGE antibody diluted at 1:500