

# SCN3B rabbit monoclonal antibody

Catalog # H00055800-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human SCN3B peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human SCN3B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human SCN3B peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SCN3B

Entrez GeneID [55800](#)

GeneBank Accession# [SCN3B](#)

Gene Name SCN3B

Gene Alias HSA243396, SCNB3

Gene Description sodium channel, voltage-gated, type III, beta

Omim ID [608214](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** voltage-gated sodium channel beta-3 subunit

## Disease

- [Atrial Fibrillation](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniofacial Abnormalities](#)
- [Genetic Predisposition to Disease](#)
- [Mouth Abnormalities](#)