

# SCN3B Rabbit pAb

Catalog No.: A10316

## Basic Information

### Observed MW

30kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Mouse, Rat

## Background

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.

## Recommended Dilutions

WB 1:2000 - 1:8000

IF/ICC 1:100 - 1:500

## Immunogen Information

### Gene ID

55800

### Swiss Prot

Q9NY72

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 23-160 of human SCN3B (NP\_060870.1).

### Synonyms

SCNB3; ATFB16; BRGDA7; HSA243396; SCN3B

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

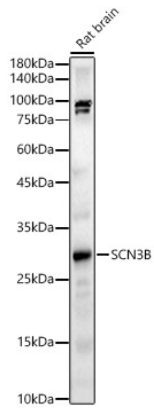
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

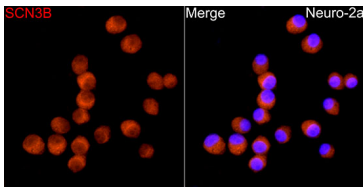
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of Rat brain, using SCN3B Rabbit pAb (A10316) at 1:7000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Immunofluorescence analysis of Neuro-2a cells using SCN3B Rabbit pAb (A10316) at dilution of 1:500 (40x lens). Blue: DAPI for nuclear staining.