

A10316

Leader in Biomolecular Solutions for Life Science



SCN3B Rabbit pAb

Catalog No.: A10316

Basic Information

Observed MW

30kDa

Calculated MW

25kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

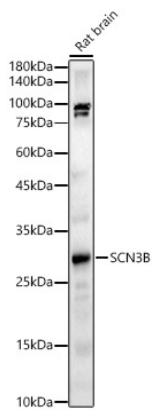
Affinity purification

Storage

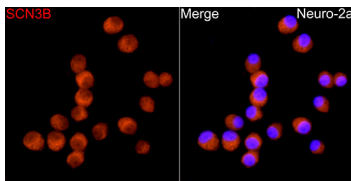
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of Rat brain, using SCN3B Rabbit pAb (A10316) at 1:7000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) 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.