

# SCN4B Rabbit pAb

Catalog No.: A2154 **1 Publications**

## Basic Information

### Observed MW

38kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables voltage-gated sodium channel activity. Acts upstream of or within sodium ion transmembrane transport. Located in intercalated disc. Is expressed in brain. Human ortholog(s) of this gene implicated in long QT syndrome 10. Orthologous to human SCN4B (sodium voltage-gated channel beta subunit 4).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

399548

### Swiss Prot

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 80-228 of mouse SCN4B (Q7M729).

### Synonyms

Gm1471; SCN4B

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

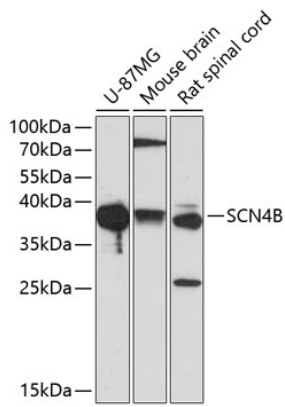
### Storage

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 various lysates using SCN4B Rabbit pAb (A2154) at 1:1000 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: 90s.