

# SCN1A Rabbit pAb

Catalog No.: A10703 **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

229kDa

### Category

Primary antibody

### Applications

ELISA,WB

### Cross-Reactivity

Human

## Background

Voltage-dependent sodium channels are heteromeric complexes that regulate sodium exchange between intracellular and extracellular spaces and are essential for the generation and propagation of action potentials in muscle cells and neurons. Each sodium channel is composed of a large pore-forming, glycosylated alpha subunit and two smaller beta subunits. This gene encodes a sodium channel alpha subunit, which has four homologous domains, each of which contains six transmembrane regions. Allelic variants of this gene are associated with generalized epilepsy with febrile seizures and epileptic encephalopathy. Alternative splicing results in multiple transcript variants. The RefSeq Project has decided to create four representative RefSeq records. Three of the transcript variants are supported by experimental evidence and the fourth contains alternate 5' untranslated exons, the exact combination of which have not been experimentally confirmed for the full-length transcript.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

6323

### Swiss Prot

P35498

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 274-399 of human SCN1A (NP\_001159435.1).

### Synonyms

DEE6; DRVT; FEB3; FHM3; NAC1; SCN1; SMEI; DEE6A; DEE6B; EIEE6; FEB3A; HBSCI; GEFSP2; Nav1.1; SCN1A

## 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,pH7.3.