

SCN2A Rabbit pAb

Catalog No.: A10574

Basic Information

Observed MW

250kDa

Calculated MW

228kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit with four repeat domains, each of which is composed of six membrane-spanning segments, and one or more regulatory beta subunits. Voltage-gated sodium channels function in the generation and propagation of action potentials in neurons and muscle. This gene encodes one member of the sodium channel alpha subunit gene family. Allelic variants of this gene are associated with seizure disorders and autism spectrum disorder. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:1000 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

6326

Swiss Prot

Q99250

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

EA9; HBA; NAC2; BFIC3; BFIS3; BFNIS; DEE11; HBSCI; EIEE11; HBSCII; Nav1.2; SCN2A1; SCN2A2; Na(v)1.2; SCN2A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

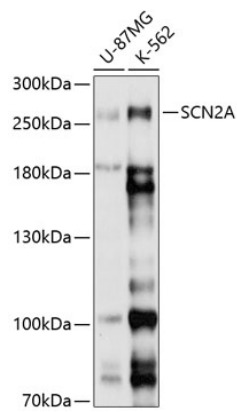
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using SCN2A Rabbit pAb (A10574) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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: 5s.