

Anti-Human SCN4B Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06683

3th Edition

Description:The protein encoded by this gene is one of several sodium channel beta subunits. These subunits interact with voltage-gated alpha subunits to change sodium channel kinetics. The encoded transmembrane protein forms interchain disulfide bonds with SCN2A. Defects in this gene are a cause of long QT syndrome type 10 (LQT10). Three protein-coding and one non-coding transcript variant have been found for this gene. SCN4B (Sodium Voltage-Gated Channel Beta Subunit 4) is a Protein Coding gene. Diseases associated with SCN4B include Long Qt Syndrome-10 and Long Qt Syndrome 1. Among its related pathways are Neuropathic Pain-Signaling in Dorsal Horn Neurons and Developmental Biology. GO annotations related to this gene include ion channel binding and voltage-gated sodium channel activity. An important paralog of this gene is MPZL1.

Antigen:Synthesized peptide derived from the Internal region of human Scn4b

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Expressed at a high level in dorsal root ganglia, at a lower level in brain, spinal cord, skeletal muscle and heart. Expressed in the atrium.