SCN11A Antibody

PACO23524

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:50-1:100

Protein Background:

Voltage-gated sodium channels are membrane protein complexes that play a fundamental role in the rising phase of the action potential in most excitable cells. Alpha subunits, such as SCN11A, mediate voltage-dependent gating and conductance, while auxiliary beta subunits regulate the kinetic properties of the channel and facilitate membrane localization of the complex. Aberrant expression patterns or mutations of alpha subunits underlie a number of disorders. Each alpha subunit consists of 4 domains connected by 3 intracellular loops; each domain consists of 6 transmembrane segments and intra- and extracellular linkers.

Gene ID:

SCN11A

Uniprot

Q9UI33

Synonyms:

NaN; SNS-2; NAV1.9; SCN12A

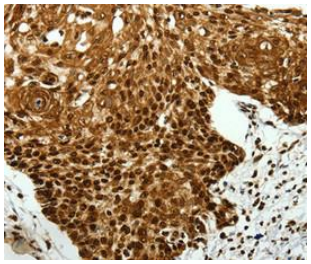
Immunogen:

Synthetic peptide corresponding to a region derived from internal residues of human sodium channel, voltage-gated, type XI, alpha subunit.

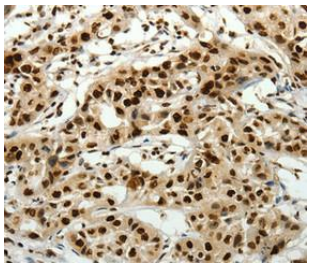
Storage:

Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.

Product Images



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/40.