

SCN5A antibody

Product Information

Catalog No.:	FNab07645
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient. It is a tetrodotoxin-resistant Na(+) channel isoform. This channel is responsible for the initial upstroke of the action potential. Channel inactivation is regulated by intracellular calcium levels.

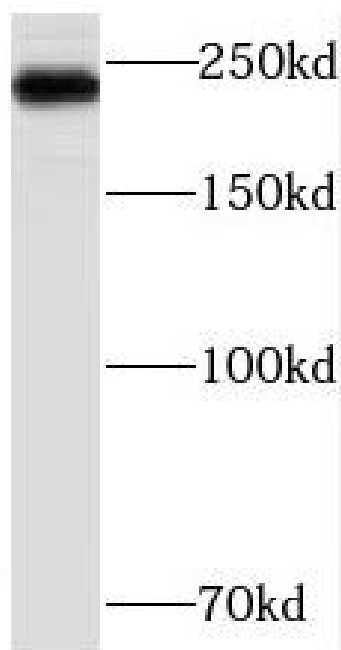
Immunogen information

Immunogen:	sodium channel, voltage-gated, type V, alpha subunit
Synonyms:	Sodium channel protein type 5 subunit alpha Sodium channel protein cardiac muscle subunit alpha Sodium channel protein type V subunit alpha Voltage-gated sodium channel subunit alpha Nav1.5 hH1 SCN5A
Observed MW:	227 kDa
Uniprot ID :	Q14524

Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab07645(Nav1.5 antibody at dilution of 1:600