

SCN1A Polyclonal Antibody

Cat No: HR1AP12902

For research use only

Overview

Product Name	SCN1A Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	H,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	220kDa
GeneID?Human?	SCN1A NAC1 SCN1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>sodium voltage-gated channel alpha subunit 1(SCN1A) Homo sapiens 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, th</p>