



Anti-SCN1A (N-terminal) polyclonal antibody (DPABH-02599)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Specificity	BLAST analysis of the peptide immunogen showed no homology with other Human proteins, except Scn2a (100%) and Scn3a (94%).
Immunogen	Synthetic 16 amino acid peptide from the N terminus of Human Scn1a.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituent: 99% PBS
Preservative	0.1% Sodium Azide
Storage	Store at -70°C for long-term. Store at 4°C for short-term.

GENE INFORMATION

Gene Name	SCN2A sodium channel, voltage-gated, type I, alpha subunit [Homo sapiens]
Official Symbol	SCN1A
Synonyms	SCN1A; sodium channel, voltage-gated, type I, alpha subunit; FEB3; FHM3; NAC1; SCN1; SMEI; EIEE6; FEB3A; HBSCI; GEFSP2; Nav1.1; sodium channel protein type 1 subunit alpha; sodium channel protein type I subunit alpha; sodium channel protein, brain I alpha subunit; sodium channel voltage gated type 1 alpha subunit; voltage-gated sodium channel subunit alpha Nav1.1; sodium channel, voltage-gated, type I, alpha polypeptide;
Entrez Gene ID	6323
Protein Refseq	NP_001159435.1
UniProt ID	P35498
Pathway	Axon guidance; Dopaminergic synapse; Interaction between L1 and Ankyrins;
Function	voltage-gated sodium channel activity;