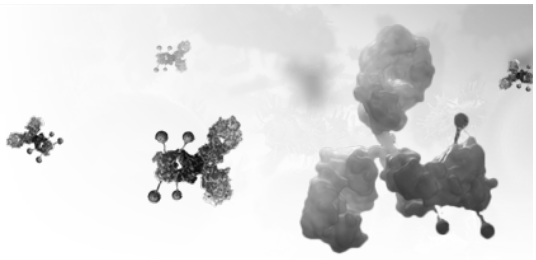

Rabbit Anti-Human SCN1A Polyclonal antibody (DPABH-18469)

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

PRODUCT INFORMATION

Immunogen	SCN1A fusion protein, sequence: MEAAQQAATATASEHSREPSAAGRLSDSSSEASKLSSKSAKERRNRRKKRKQKEQSGGEE KDEDEFQK (456-522 aa encoded by NM_001165963)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, ELISA
Positive Control	PC-12 cells
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

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Introduction	The vertebrate sodium channel is a voltage-gated ion channel essential for the generation and propagation of action potentials, mainly in nerve and muscle. Voltage-sensitive sodium channels are heteromeric complexes consisting of a large central pore-forming glycosylated alpha subunit, and two smaller auxiliary beta subunits. This gene encodes the large alpha subunit, and mutations in this gene have been associated with several epilepsy, convulsion and migraine disorders. 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, the exact combination of which have not been experimentally confirmed for the full-length transcript.
Keywords	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 subunit; sodium channel, voltage-gated, type I, alpha polypeptide;

GENE INFORMATION

Entrez Gene ID	6323
UniProt ID	P35498

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