

Product datasheet for **AP23388PU-N**

SCN1B (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1 µg/ml (Human).
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminal of human SCN1B
Specificity:	This antibody detects SCN1B (N-term).
Formulation:	5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ State: Aff - Purified State: Lyophilized Ig fraction
Reconstitution Method:	0.2ml of distilled water will yield a concentration of 500µg/ml.
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	sodium voltage-gated channel beta subunit 1
Database Link:	Entrez Gene 20266 Mouse Entrez Gene 29686 Rat Entrez Gene 6324 Human Q07699



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Background:

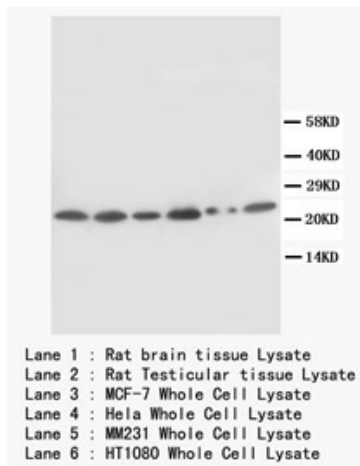
Voltage-gated sodium (Na⁺) channels are essential for the generation and propagation of action potentials in striated muscle and neuronal tissues. The complete coding region of Sodium channel, voltage-gated, beta 1 (SCN1B) is found in approximately 9.0 kb of genomic DNA and consists of five exons (72 to 749 bp) and four introns (90 bp to 5.5 kb). It is mapped to 19q13.1 and can act as a candidate gene for hereditary disorders affecting membrane excitability. Sodium channel beta1 subunits play important roles in the regulation of sodium channel density and localization and are involved in axo-glial communication at nodes of Ranvier.

Synonyms:

GEFSP1

Protein Families:

Druggable Genome, Ion Channels: Sodium, Transmembrane

Product images:

Western blot with SCN1B Polyclonal Antibody