

Product datasheet for **TA338513**

SCN1B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SCN1B antibody: synthetic peptide directed towards the middle region of human SCN1B. Synthetic peptide located within the following region: NVTYNHSGDYECHVYRLLFFENYEHNTSVVKKIHIEVVDKANRDMASIVS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	sodium voltage-gated channel beta subunit 1
Database Link:	NP_001028 Entrez Gene 6324 Human Q07699



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Background: Voltage-gated sodium channels are heteromeric proteins that function in the generation and propagation of action potentials in muscle and neuronal cells. They are composed of one alpha and two beta subunits, where the alpha subunit provides channel activity and the beta-1 subunit modulates the kinetics of channel inactivation. This gene encodes a sodium channel beta-1 subunit. Mutations in this gene result in generalized epilepsy with febrile seizures plus, Brugada syndrome 5, and defects in cardiac conduction. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

Synonyms: ATFB13; BRGDA5; GEFSP1

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Mouse: 93%; Bovine: 93%

Protein Families: Druggable Genome, Ion Channels: Sodium, Transmembrane

Product images:



WB Suggested Anti-SCN1B Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:
Hela cell lysate