Rabbit polyclonal antibody to Sodium Channel subunit beta-1 (73-95): Affinity purified

Catalogue No.:	R-1337-100
Description:	SCN1B is a single-pass type I membrane protein abundantly expressed in skeletal muscle, heart and brain (Ref: SWISSPROT). The SCN1B forms part of a heterotrimeric complex of voltage-gated sodium channels involved in the generation and propagation of action potentials in muscle and neuronal cells.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (YENEVLQLEEDERFEGRVVWNGS) corresponding to a region (73-95 aa) from human Sodium Channel subunit beta-1 (SCN1B).
Sequence:	YENEVLQLEEDERFEGRVVWNGS
Antibody Type:	Antiserum
Other Names:	SCN1B
Accession:	Q07699 SCN1B_HUMAN;
Produced in:	Rabbit
Applications:	Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. Human SCN1B has a predicted length of 218 amino acids and MW of 25 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Antibody Against:	Sodium Channel subunit beta-1
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3
Appearance:	Lyophilized white powder
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

Western Blot using Rabbit polyclonal antibody to Sodium Channel subunit beta-1:
Rat brain tissue lysate

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