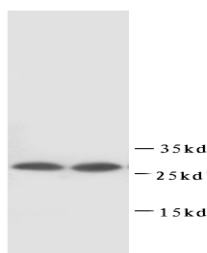




## Rabbit polyclonal antibody to Sodium Channel subunit beta-1 (73-95): Affinity purified

<b>Catalogue No.:</b>	R-1337-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (YENEVLQLEEDERFEGRVVWNGS) corresponding to a region (73-95 aa) from human Sodium Channel subunit beta-1 (SCN1B).
<b>Sequence:</b>	YENEVLQLEEDERFEGRVVWNGS
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	SCN1B
<b>Accession:</b>	Q07699 SCN1B_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Sodium Channel subunit beta-1
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilized with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Appearance:</b>	Lyophilized white powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase



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

FOR RESEARCH USE ONLY