Datasheet for ABIN633779

anti-SCN1B antibody (Middle Region)

1 Image

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Overview

Quantity:	100 µL
Target:	SCN1B
Binding Specificity:	Middle Region
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SCN1 B antibody was raised using the middle region of SCN1 corresponding to a region with amino acids NVTYNHSGDYECHVYRLLFFENYEHNTSVVKKIHIEVVDKANRDMASIVS
Specificity:	SCN1 B antibody was raised against the middle region of SCN1
Purification:	Affinity purified

Target Details

Target:	SCN1B
Alternative Name:	SCN1B (SCN1B Products)
Background:	Voltage-gated sodium channels are essential for the generation and propagation of action potentials in striated muscle and neuronal tissues. Biochemically, they consist of a large alpha subunit and 1 or 2 smaller beta subunits, such as SCN1B. The alpha subunit alone can exhibit

Target Details

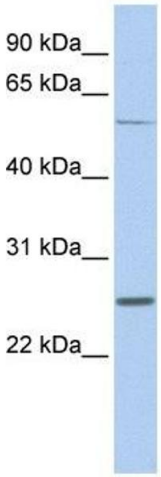
	all the functional attributes of a voltage-gated Na+ channel, but requires a beta-1 subunit for normal inactivation kinetics.
Molecular Weight:	25 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SCN1B Blocking Peptide, catalog no. 33R-6928, is also available for use as a blocking control in assays to test for specificity of this SCN1B antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SCN0 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. SCN1B antibody used at 1 ug/ml to detect target protein.