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anti-SCN2B antibody (Internal Region)



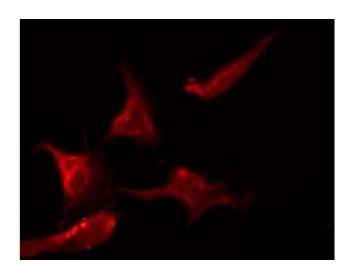
Image



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Overview	
Quantity:	100 μL
Target:	SCN2B
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)
Product Details	
Immunogen:	A synthesized peptide derived from human SCN2B, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	SCN2B Antibody detects endogenous levels of total SCN2B.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	SCN2B

Target Details	
Alternative Name:	SCN2B (SCN2B Products)
Background:	Description: Crucial in the assembly, expression, and functional modulation of the
	heterotrimeric complex of the sodium channel. The subunit beta-2 causes an increase in the
	plasma membrane surface area and in its folding into microvilli. Interacts with TNR may play a
	crucial role in clustering and regulation of activity of sodium channels at nodes of Ranvier (By
	similarity).
	Gene: SCN2B
Molecular Weight:	24 kDa
Gene ID:	6327
UniProt:	060939
Application Details	
Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %



Immunofluorescence (fixed cells)

Image 1. ABIN6275578 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at $25_{\rm i}$ aC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at $37_{\rm i}$ aC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod