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anti-SCN2B antibody (AA 65-180) (AbBy Fluor® 680)



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	N/P	r\/I	i⊢₩

Quantity:	100 μL	
Target:	SCN2B	
Binding Specificity:	AA 65-180	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SCN2B antibody is conjugated to AbBy Fluor® 680	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SCN2B	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	SCN2B	
Alternative Name:	SCN2B (SCN2B Products)	
Background:	Synonyms: Neuronal voltage gated sodium channel beta 2 subunit, Scn 2b, Scn2b,	

SCN2B_HUMAN, Sodium channel beta 2 subunit, Sodium channel subunit beta 2, Sodium channel subunit beta-2, Sodium channel voltage gated type II beta, Sodium channel voltage gated type II beta polypeptide.

Background: Voltage-gated sodium channels are selective ion channels that regulate the permeability of sodium ions in excitable cells. During the propagation of an action potential, sodium channels allow an influx of sodium ions, which rapidly depolarizes the cell. Na+ CP type II beta(sodium channel, voltage-gated, type II, beta), also known as SCN2B, is a 215 amino acid single-pass type I membrane protein that plays a critical role in the expression and assembly of the heterotrimeric complex of the sodium channel and interacts with Tenascin-R to influence the clustering and regulation of sodium channels at nodes of Ranvier. Expressed specifically in brain, Na+ CP type II beta contains one Ig-like C2-type (immunoglobulin-like) domain and is encoded by a gene that maps to human chromosome 11q23.3 and mouse chromosome 9 A5.2.

Application Details

Application Notes:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	