

Datasheet for ABIN735938 anti-SCN2A antibody (AA 51-150)



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Overview

Quantity:	100 µL
Target:	SCN2A
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN2A antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SCN2A
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SCN2A
Alternative Name:	SCN2A (SCN2A Products)

Target Details

Background:	<p>Synonyms: sodium channel voltage-gated type II alpha, sodium channel, voltage-gated, type II, alpha isoform 2, HBSC II, NAC2, Scn2a, SCN2A_HUMAN, Sodium channel protein type II subunit alpha, Sodium channel protein type 2 subunit alpha, Sodium channel protein type II subunit alpha, Sodium channel protein, brain II subunit alph, Voltage-gated sodium channel subunit alpha Nav1.2, Voltage gated sodium channel subunit alpha Nav1.2, BFIC3, HBA, HBSCI, HBSCII, Nav1.2, NAC2, Nav1.2, SCN2A1, SCN2A2.</p> <p>Background: Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit with 24 transmembrane domains and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. This gene encodes one member of the sodium channel alpha subunit gene family. It is heterogeneously expressed in the brain, and mutations in this gene have been linked to several seizure disorders. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.</p>
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Gene ID:	6326
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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