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Datasheet for ABIN914529

anti-SCN2A antibody (AA 51-150) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	SCN2A
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN2A antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

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)
Background:	Synonyms: sodium channel voltage-gated type II alpha, sodium channel, voltage-gated, type II,

Target Details

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.

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.

Gene ID: 6326

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