Datasheet for ABIN914551

anti-SCN8A antibody (AA 251-314) (Alexa Fluor 488)

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Overview

Quantity:	100 µL
Target:	SCN8A
Binding Specificity:	AA 251-314
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN8A antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SCN8A/Nav1.6
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SCN8A
Alternative Name:	SCN8A (SCN8A Products)

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Target Details

Background:	Synonyms: CerIII, hNa6/Scn8a voltage gated sodium channel, MED, Motor endplate disease, NaCh 6, NaCh6, Nav 1.6, Nbna1, PN 4, PN4, Scn8a, SCN8A_HUMAN, Sodium channel protein type 8 alpha subunit, Sodium channel protein type 8 subunit alpha, Sodium channel protein type VIII alpha subunit, Sodium channel protein type VIII subunit alpha, Sodium channel voltage gated type VIII alpha, Sodium channel voltage gated type VIII alpha polypeptide, Sodium channel voltage gated type VIII alpha subunit, Voltage gated sodium channel subunit alpha Nav1.6, Voltage-gated sodium channel subunit alpha Nav1.6. Background: Mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient. In macrophages and melanoma cells, isoform 5 may participate in the control of podosome and invadopodia formation.
Gene ID:	6334
Pathways:	Sensory Perception of Sound

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.

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Handling

Expiry Date:	12 months

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