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Datasheet for ABIN5010287

anti-SCN8A antibody (AA 251-314) (AbBy Fluor® 750)

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 AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

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)

Target Details

Background: Synonyms: CerIII, hNa6/Scn8a voltage gated sodium channel, MED, Motor endplate disease, NaCh 6, NaCh6, Nav 1.6, Nbn1, 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.

Handling

Expiry Date: 12 months