Nav1.1 antibody

Cat. No. GTX54841

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, IP
Reactivity	Human, Mouse, Rat

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
IP	Assay dependent

Not tested in other applications.

Calculated MW 229 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.6 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)TASEHSREPSAAGRLSD, corresponding to amino acid residues 465-481 (Intracellular loop between domains I and II) of rat NaV1.1 (Accession : P04774).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

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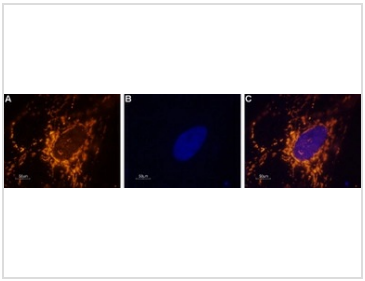
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Note

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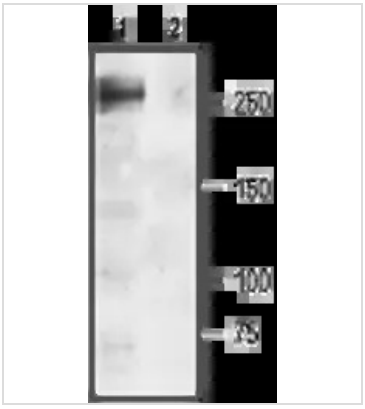
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DATA IMAGES



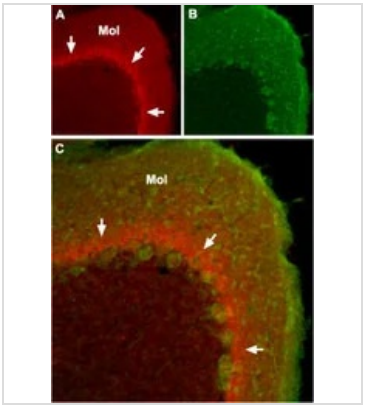
GTX54841 ICC/IF Image

ICC/IF analysis of PFA-fixed rat DRG cells using GTX54841 Nav1.1 antibody.
Panel A : Primary antibody
Panel B : DNA dye Hoechst 33342
Panel C : Merged images of panels A and B
Dilution : 1:200



GTX54841 WB Image

WB analysis of rat brain membrane lysate using GTX54841 Nav1.1 antibody preincubated with or without immunogen peptide.
Dilution : 1:200



GTX54841 IHC-Fr Image

IHC-Fr analysis of mouse cerebellum tissue using GTX54841 Nav1.1 antibody.
Panel A : The distribution of NaV1.1 (red) forms a band (arrows) in the molecular layer (Mol), close to the Purkinje cell bodies.
Panel B : Purkinje nerve cells are stained with mouse anti-Parvalbumin (green).
Panel C : Confocal merge of NaV1.1 and Parvalbumin.

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