

Nav1.7 antibody

Cat. No. GTX54800

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr
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

Not tested in other applications.

Calculated MW 226 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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)EFTSIGRSR IIMGLSE, corresponding to amino acid residues 446-460 (Intracellular loop between domains I and II) of rat Nav1.7 (Accession : O08562).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

Note

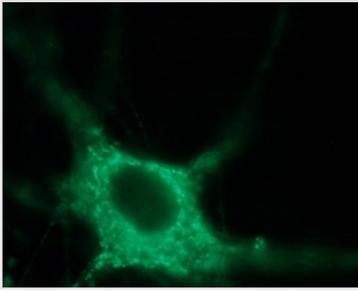
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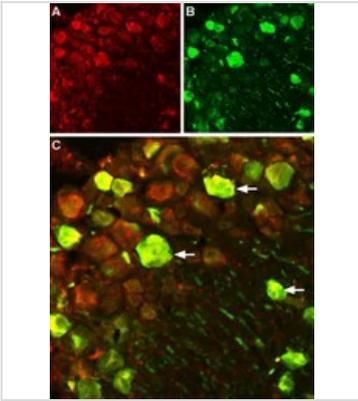


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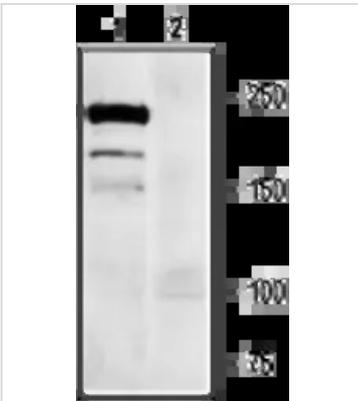
DATA IMAGES

**GTX54800 ICC/IF Image**

ICC/IF analysis of PFA-fixed rat DRG primary cells using GTX54800 Nav1.7 antibody.
Dilution : 1:200

**GTX54800 IHC-Fr Image**

IHC-Fr analysis of rat DRG tissue using GTX54800 Nav1.7 antibody.
Panel A : NaV1.7 channel (red) in DRG neurons.
Panel B : Staining with mouse anti-Parvalbumin (green) in the same DRG section.
Panel C : Merge of NaV1.7 and Parvalbumin demonstrates colocalization (arrows).

**GTX54800 WB Image**

WB analysis of DRG lysates using GTX54800 Nav1.7 antibody preincubated with or without immunogen peptide.
Dilution : 1:200



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