

# Nav1.7 antibody

**Cat. No. GTX134494**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF
<b>Reactivity</b>	Mouse, Rat

Reference ( 1 )  
 Package  
 100 µl, 25 µl

## APPLICATION

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

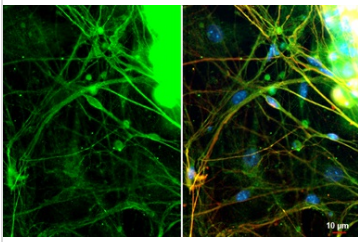
**Calculated MW** 226 kDa. ( [Note](#) )

## PROPERTIES

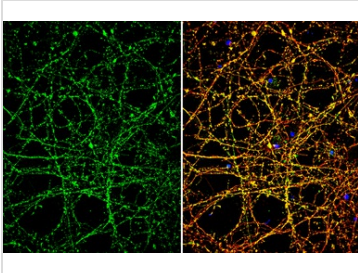
<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.67 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic peptide encompassing a sequence within the Intracellular domain of mouse Nav1.7. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.  Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



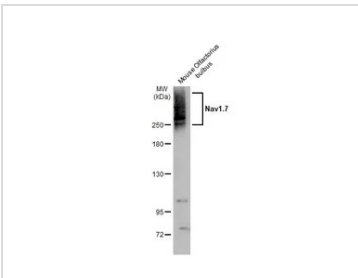
For full product information, images and publications, please visit our [website](#).

**DATA IMAGES**

**GTX134494 ICC/IF Image**

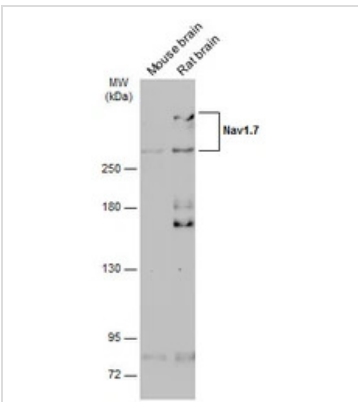
Nav1.7 antibody detects Nav1.7 protein at cell membrane by immunofluorescent analysis.  
 Sample: mouse dorsal root ganglia cells were fixed in 4% paraformaldehyde at RT for 15 min.  
 Green: Nav1.7 stained by Nav1.7 antibody (GTX134494) diluted at 1:500.  
 Red: NF-H, a axon marker, stained by NF-H antibody [GT114] (GTX634289) diluted at 1:500.  
 Blue: Fluoroshield with DAPI (GTX30920).


**GTX134494 ICC/IF Image**

Nav1.7 antibody detects Nav1.7 protein by immunofluorescent analysis.  
 Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.  
 Green: Nav1.7 stained by Nav1.7 antibody (GTX134494) diluted at 1:500.  
 Red: Tau, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.  
 Blue: Fluoroshield with DAPI (GTX30920).


**GTX134494 WB Image**

Mouse tissue extract (50 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with Nav1.7 antibody (GTX134494) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX134494 WB Image**

Various tissue extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Nav1.7 antibody (GTX134494) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



For full product information, images and publications, please visit our [website](https://www.genetex.com).