Nav beta 2 antibody

Cat. No. GTX54799

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, 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
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 24 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	0.75 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)KTEEEGKTDGEGNAEDGAK, corresponding to amino acid residues 197-215 (Intracellular, C-terminus) of voltage-gated Na+ channels (Accession : P54900).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated
Note	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.

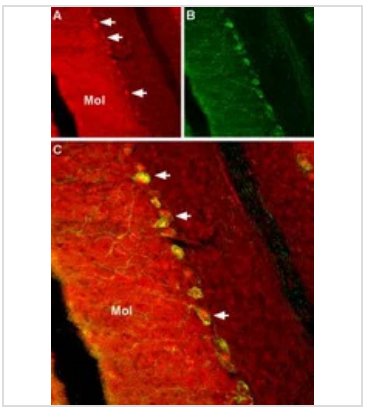
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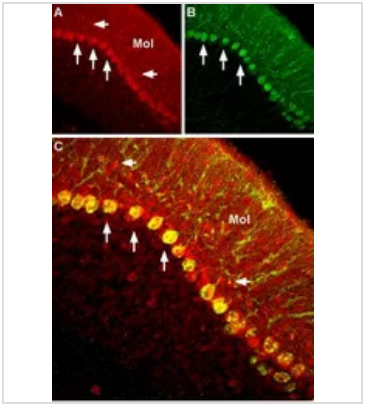
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DATA IMAGES



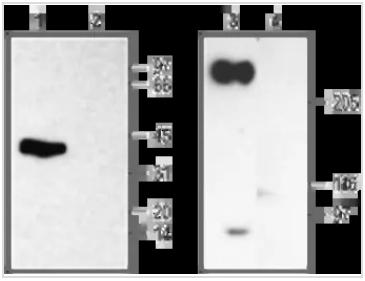
GTX54799 IHC-Fr Image

IHC-Fr analysis of rat cerebellum tissue using GTX54799 Nav beta 2 antibody.
Panel A : NaVβ2 channel (red) appears in Purkinje cells (horizontal arrows) and is distributed diffusely in the molecular layer (Mol).
Panel B : Staining of Purkinje nerve cells with mouse anti-calcium binding protein (CBD28k, green) demonstrates the restriction of NaVβ2 to cell bodies.
Panel C : Merge of NaVβ2 and CBD28k.



GTX54799 IHC-Fr Image

IHC-Fr analysis of mouse cerebellum tissue using GTX54799 Nav beta 2 antibody.
Panel A : NaVβ2 channel (red) appears in Purkinje cells (vertical arrows) and in small cells in the molecular layer (horizontal arrows, Mol).
Panel B : Staining of Purkinje nerve cells with mouse anti-calcium binding protein (CBD28k, green) demonstrates the restriction of NaVβ2 to cell bodies.
Panel C : Merge of NaVβ2 and CBD28k.



GTX54799 WB Image

WB analysis of rat brain membranes lysate under reducing (lanes 1 and 2) or non-reducing (lanes 3 and 4) conditions using GTX54799 Nav beta 2 antibody preincubated with or without immunogen peptide.
Dilution : 1:200

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