

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 4°C. For long-term storage, aliquot and store at -20°C 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

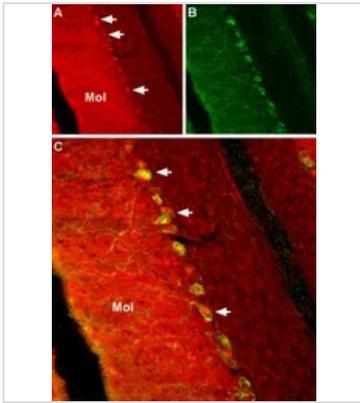
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DATA IMAGES

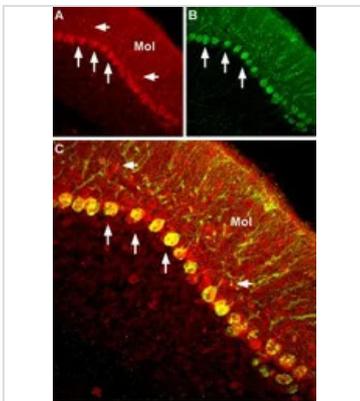
**GTX54799 IHC-Fr Image**

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.

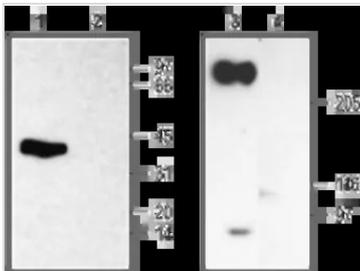
**GTX54799 IHC-Fr Image**

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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