

Cav2.2 antibody

Cat. No. GTX54812

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

References (1)

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.

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)RHHHRHRDRDKTSASTPA, corresponding to amino acid residues 851-867 (Intracellular loop between domains II and III) of rat CACNA1B (Accession : Q02294).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

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Note

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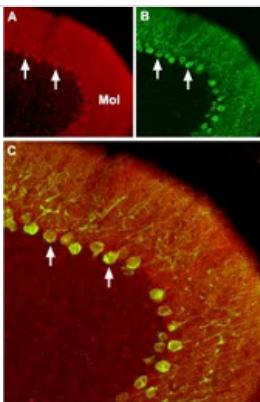
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DATA IMAGES

**GTX54812 WB Image**

WB analysis of rat brain membrane lysate using GTX54812 Cav2.2 antibody preincubated with or without immunogen peptide.

Dilution : 1:200

**GTX54812 IHC-Fr Image**

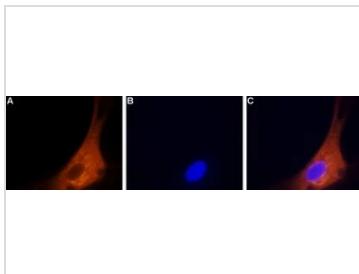
IHC-Fr analysis of mouse cerebellum tissue using GTX54812 Cav2.2 antibody.

Panel A : CaV2.2 (red) appears in Purkinje cells (arrows) and is distributed diffusely in the molecular layer (Mol).

Panel B : Staining of Purkinje cells with mouse anti-Calbindin 28K (green) demonstrates the restriction of CaV2.2 to cell bodies but not to dendrites in the molecular layer.

Panel C : Merged image of panels A and B.

Dilution : 1:100

**GTX54812 ICC/IF Image**

ICC/IF analysis of PFA-fixed rat DRG primary cells using GTX54812 Cav2.2 antibody.

Panel A : Primary antibody

Panel B : DNA dye Hoechst 33342

Panel C : Merged images of panels A and B

Dilution : 1:200



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