Cav3.2 antibody

Cat. No. GTX54813

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

References (2)
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.

Calculated MW 261 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	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide CHVEGPQERARVAHS, corresponding to amino acid residues 581-595 (Intracellular loop between domains D1 and D2) of rat CaV3.2 (Accession number Q9EQ60).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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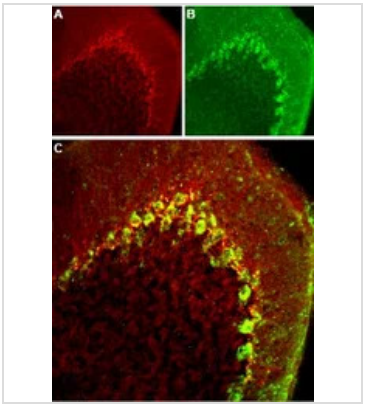
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

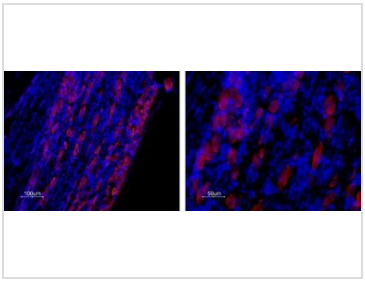
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



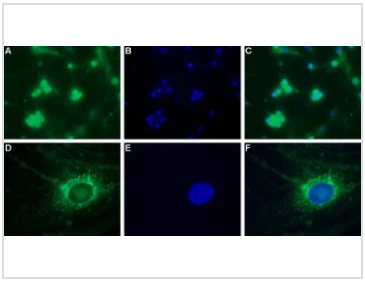
GTX54813 IHC-Fr Image

IHC-Fr analysis of mouse cerebellum tissue using GTX54813 Cav3.2 antibody.
Panel A : CaV3.2 appears adjacent to Purkinje cells and in fibers in the molecular layer (red).
Panel B : Staining of Purkinje cells with mouse anti-parvalbumin (PV, green).
Panel C : Merged image of panels A and B demonstrates presence of CaV3.2 adjacent to Purkinje cells.
Dilution : 1:100



GTX54813 IHC-Fr Image

IHC-Fr analysis of rat DRG tissue using GTX54813 Cav3.2 antibody. Staining is specific for DRG. Note that neither glial cells nor axonal fibers are stained. Hoechst 33342 is used as the counterstain.
Dilution : 1:50



GTX54813 ICC/IF Image

ICC/IF analysis of PFA-fixed rat DRG primary cells using GTX54813 Cav3.2 antibody.
Panel A,D : Primary antibody
Panel B,E : DNA dye Hoechst 33342
Panel C,F : Merged images of panels A and B
Dilution : 1:200

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