Cav1.2 antibody

Cat. No. GTX54754

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, FCM, 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
FCM	Assay dependent
IP	Assay dependent

Not tested in other applications.

Calculated MW 243 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 (C)TTKINMDDLQPSENEDKS, corresponding to amino acid residues 848-865 (Intracellular loop between domains II and III) of rat CaV1.2 (Accession : P22002).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

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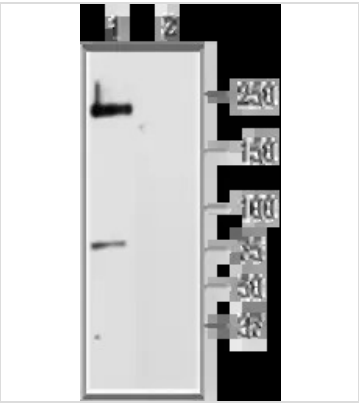
Note

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

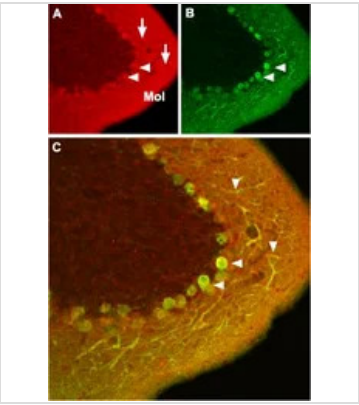
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



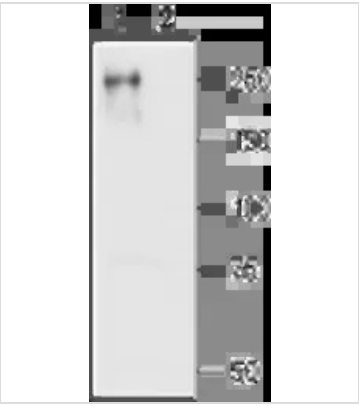
GTX54754 WB Image

WB analysis of rat brain membrane lysate using GTX54754 Cav1.2 antibody preincubated with or without immunogen peptide.
Dilution : 1:200



GTX54754 IHC-Fr Image

IHC-Fr analysis of mouse cerebellum tissue using GTX54754 Cav1.2 antibody.
Panel A : CaV1.2 (red) appears in Purkinje cells (horizontal arrows) and is distributed diffusely in the molecular layer (Mol) including in Purkinje dendrites (vertical arrows).
Panel B : Staining of Purkinje nerve cells with mouse anti-Calbindin 28K (green) demonstrates the location of dendrites in the molecular layer.
Panel C : Merged image of panels A and B.



GTX54754 WB Image

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