Cav2.1 antibody

Cat. No. GTX54753

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

Not tested in other applications.

Calculated MW	252 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)PSSPERAPGREGPYGRE, corresponding to amino acid residues 865-881 (Intracellular loop between domains II and III) of rat CACNA1A (Accession : P54282).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

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

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

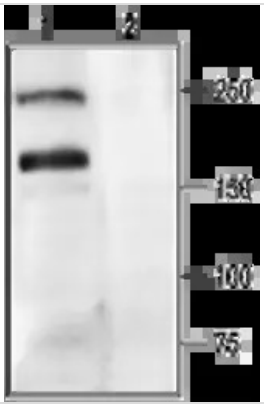
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

Note

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

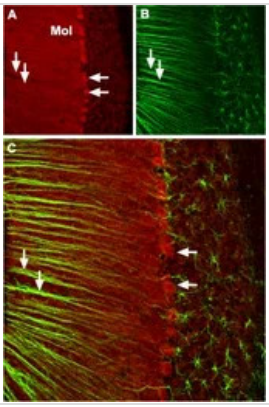
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX54753 WB Image

WB analysis of rat brain membrane lysate using GTX54753 Cav2.1 antibody preincubated with or without immunogen peptide.
Dilution : 1:200



GTX54753 IHC-Fr Image

IHC-Fr analysis of mouse cerebellum tissue using GTX54753 Cav2.1 antibody.
Panel A : CACNA1A channel (red) appears in Purkinje cells (horizontal arrows) and is distributed diffusely in the molecular layer (Mol) including in astrocytic fibers (vertical arrows).
Panel B : Staining of astrocytic fibers with glial fibrillary acidic protein in the section demonstrates the location of astrocytic fibers in the molecular layer.
Panel C : Merged image of panels A and B.
Dilution : 1:100

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

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com