

Cav1.3 antibody

Cat. No. GTX16633

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

Not tested in other applications.

Calculated MW 250 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	0.9 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)EQLTKETEGGNHS, corresponding to amino acid residues 215-227 (2nd extracellular loop, repeat I) of rat Cav1.3 (Accession : P27732).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



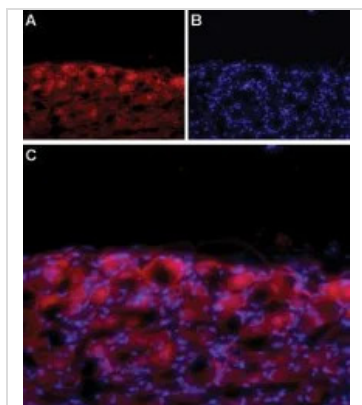
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Note

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DATA IMAGES



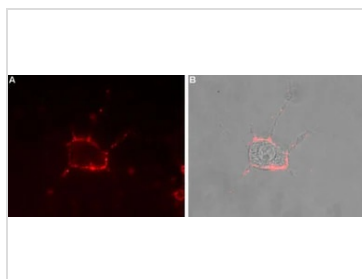
GTx16633 IHC-Fr Image

IHC-Fr analysis of rat DRG tissue using GTx16633 Cav1.3 antibody.

Panel A : CaV1.3 labeling (red) appears in the cell bodies of the DRG.

Panel B : Nuclear staining using DAPI as the counterstain.

Panel C : Merged image of A and B.



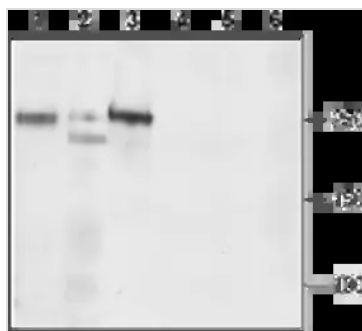
GTx16633 LCI Image

Live cell imaging analysis of intact living PC12 cells using GTx16633 Cav1.3 antibody.

Panel A : Primary antibody

Panel B : Merge of panel A with the live view of the cell

Dilution : 1:50



GTx16633 WB Image

WB analysis of rat brain (lanes 1 and 4), mouse brain (lanes 2 and 5) and C6 (lanes 3 and 6) lysates using GTx16633 Cav1.3 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



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