

HCN1 antibody

Cat. No. GTX54823

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

Not tested in other applications.

Calculated MW 102 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	0.85 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)KPNSASNSRDDGNSVYPSK, corresponding to amino acid residues 6-24 (Intracellular, N-terminus) of rat HCN1 (Accession : Q9JKB0).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

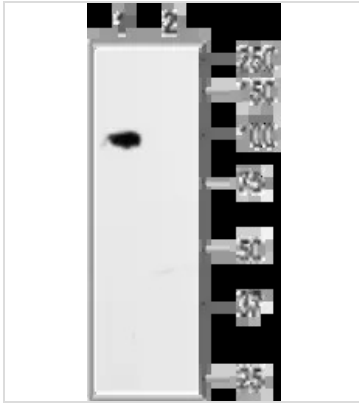
Note

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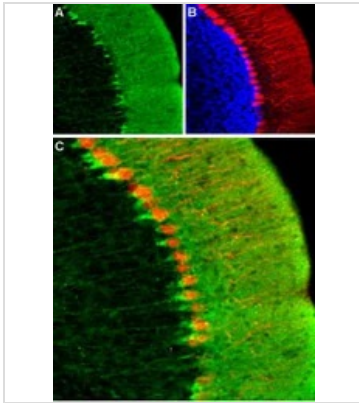


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DATA IMAGES

GTX54823 WB Image

WB analysis of rat brain membrane lysates using GTX54823 HCN1 antibody preincubated with or without immunogen peptide.

Dilution : 1:200

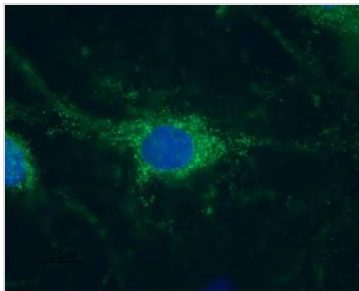

GTX54823 IHC-Fr Image

IHC-Fr analysis of mouse cerebellum tissue using GTX54823 HCN1 antibody.

Panel A : HCN1 (green) appears in the cerebellar pinceau.

Panel B : Calcium binding calbindin D28-K (red), a marker of Purkinje neurons, is stained in the same section.

Panel C : Merge of the images demonstrates the position of the HCN1-positive pinceau structures at the axon initial segment of Purkinje neurons.


GTX54823 ICC/IF Image

ICC/IF analysis of PFA-fixed rat DRG primary cells using GTX54823 HCN1 antibody.

Green : Primary antibody

Blue : DNA dye Hoechst 33342

Dilution : 1:300



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