

HCN4 antibody

Cat. No. GTX54825

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

Not tested in other applications.

Calculated MW 129 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	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	GST fusion protein with sequence HGHLHDSAEERRLIAEGDASPG EDRTPPGLAAEPPER, corresponding to amino acid residues 119-155 (Intracellular, N-terminus) of human HCN4 (Accession : Q9Y3Q4), (MW: 31 kDa).
Purification	Depleted of anti-GST antibodies by affinity chromatography on immobilized GST and purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated



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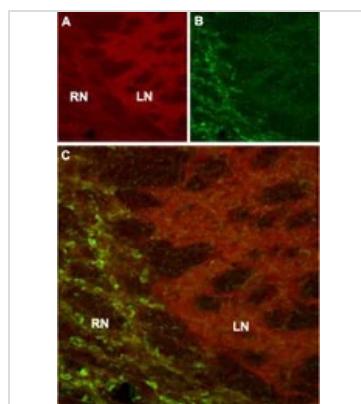
Date 2026 / 01 / 29 Page 1 of 2

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Note

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

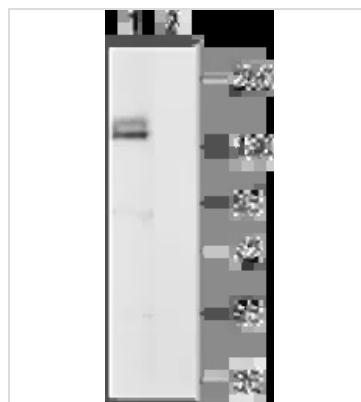
**GTX54825 IHC-Fr Image**

IHC-Fr analysis of mouse thalamus tissue using GTX54825 HCN4 antibody.

Panel A : HCN4 (red) appears in the neuropil of the lateral nucleus (LN).

Panel B : Staining of reticular nucleus (RN) with mouse anti-Parvalbumin.

Panel C : Merge of HCN4 and Parvalbumin images demonstrates separate localization of these proteins in the thalamus.

**GTX54825 WB Image**

WB analysis of rat brain membrane lysate using GTX54825 HCN4 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



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Date 2026 / 01 / 29 Page 2 of 2