

Product Datasheet

HCN4 Antibody (SHG 1E5)

NB100-74439

Unit Size: 100 uL

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



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Publications: 2

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Updated 9/9/2025 v.20.1

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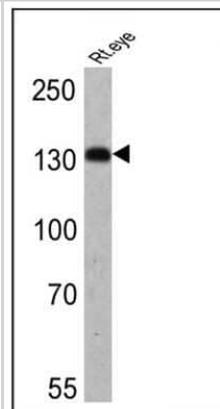
NB100-74439

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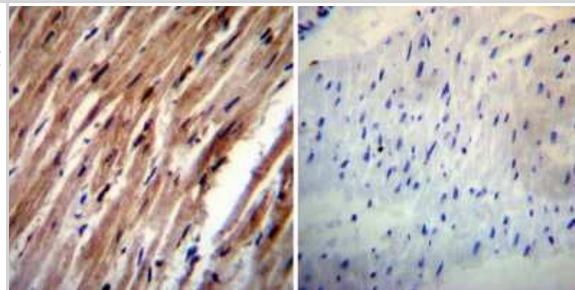
Product Information	
Unit Size	100 uL
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SHG 1E5
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Product Description	
Description	Novus Biologicals Rat HCN4 Antibody (SHG 1E5) (NB100-74439) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-HCN4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	10021
Gene Symbol	HCN4
Species	Human, Mouse, Rat
Specificity/Sensitivity	HCN4 (SHG 1E5)
Immunogen	Synthetic peptide sequence corresponding to residues S H G S L L L P P A S S P P P P Q V P Q R R G T P P L T P G R L T Q D L K L of HCN4.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunofluorescence
Recommended Dilutions	Western Blot 1:5000, Flow Cytometry 1:50, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:100, Immunohistochemistry-Frozen 1:1000, Immunofluorescence 1:10 - 1:500
Application Notes	WB: Detects an approx.132 KDa protein representing HCN4.

Images

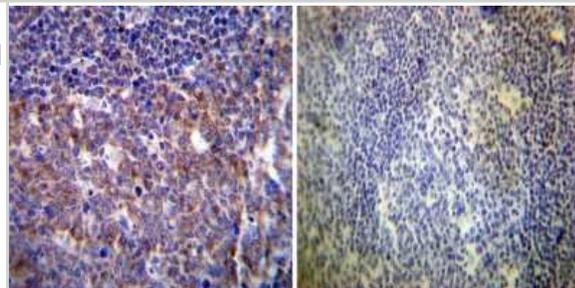
Western Blot: HCN4 Antibody (SHG 1E5) [NB100-74439] - Analysis of 25 ug of rat eye lysate onto an SDS polyacrylamide gel.



Immunohistochemistry-Paraffin: HCN4 Antibody (SHG 1E5) [NB100-74439] - Both normal and cancer biopsies of deparaffinized Human heart tissue tissues.



Immunohistochemistry-Paraffin: HCN4 Antibody (SHG 1E5) [NB100-74439] - Both normal and cancer biopsies of deparaffinized Human tonsil tissue tissues.



Publications

Ding Y, Lang D, Yan J et al. A phenotype-based forward genetic screen identifies Dnajb6 as a sick sinus syndrome gene eLife 2022-10-18 [PMID: 36255053] (Immunoprecipitation, Immunoblotting, Human, Rat)

Padilla-Flores T, LOpez-Gonzalez Z, Vaca L et al. "Funny" channels in cardiac mitochondria modulate membrane potential and oxygen consumption Biochem. Biophys. Res. Commun. 2020-02-14 [PMID: 32063359] (IP, IB, Human, Rat)

Details:
HEK293 cell line, Wistar rats



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Products Related to NB100-74439

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
DDXCR01	Rat IgG1 Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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