

Product Datasheet

Kir6.1 Antibody NBP1-87710

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-87710

Kir6.1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

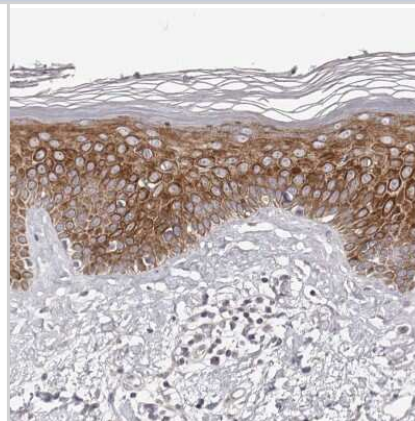
Product Description	
Host	Rabbit
Gene ID	3764
Gene Symbol	KCNJ8
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30995106).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KRSPLYDISATDLANQDLEVIVILEGVVETTGITQARTSYIAEEIQWGHRFVSIVT EEEGVYSVDYSKFGNTVKVAAPRCSARELDEKPSILIQTQLQKSELHQNSLRKR NSMRRNNSMRRNNSIRRNSSLMVVKVQFMTPEGNQNT

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reactivity reported in (PMID: 36282858)., Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

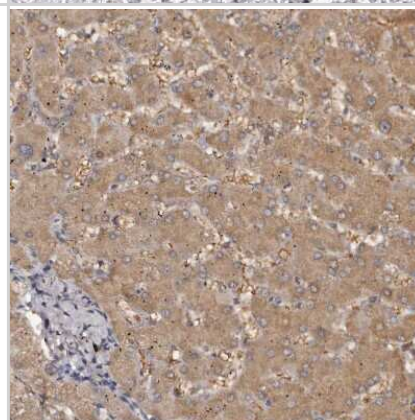


Images

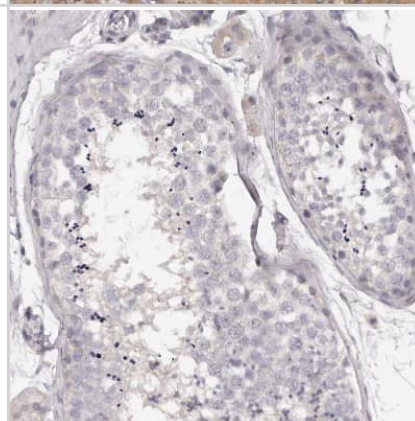
Immunohistochemistry-Paraffin: Kir6.1 Antibody [NBP1-87710] - Staining of human skin shows moderate cytoplasmic positivity in squamous epithelial cells.



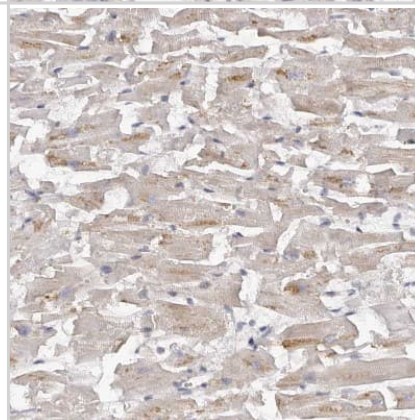
Immunohistochemistry-Paraffin: Kir6.1 Antibody [NBP1-87710] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Kir6.1 Antibody [NBP1-87710] - Staining of human testis shows very weak cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Kir6.1 Antibody [NBP1-87710] - Staining of human heart muscle shows weak to moderate cytoplasmic positivity in cardiomyocytes.



Publications

Pham DL, Niemi A, Ko ML, Ko GYP Peptide Lv augments intermediate-conductance calcium-dependent potassium channels (KCa3.1) in endothelial cells to promote angiogenesis PloS one 2022-10-25 [PMID: 36282858] (WB, Human)

Wang, Y;Hall, LM;Kujawa, M;Li, H;Zhang, X;O'Meara, M;Ichinose, T;Wang, JM; Methylglyoxal Triggers Human Aortic Endothelial Cell Dysfunction via Modulating KATP/MAPK pathway Am. J. Physiol., Cell Physiol. 2019-04-17 [PMID: 30995106] (WB, Mouse)





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Products Related to NBP1-87710

NBP1-87710PEP	Kir6.1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG 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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