

Product Datasheet

Kir6.1 Antibody - BSA Free

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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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP1-87710


Kir6.1 Antibody - BSA Free

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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

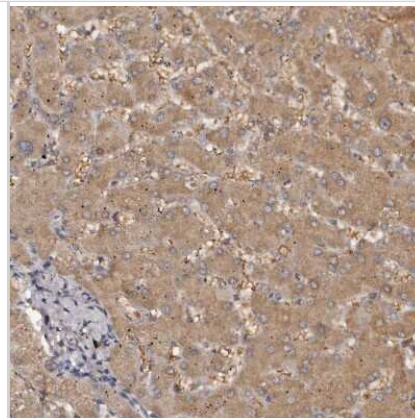
Product Description	
Description	Novus Biologicals Rabbit Kir6.1 Antibody - BSA Free (NBP1-87710) is a polyclonal antibody validated for use in IHC and WB. Anti-Kir6.1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3764
Gene 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: KRSPLYDISATDLANQDLEVIVILEGVVETTGITQARTSYIAEEIQWGHFVSIVT EEEGVYSVDYSKFGNTVKVAAPRCSARELDEKPSILIQTLQKSELHQNSLRKR NSMRRNNSMRRNNSIRRNNSMLMVPKVQFMTPEGNQNT

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
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.

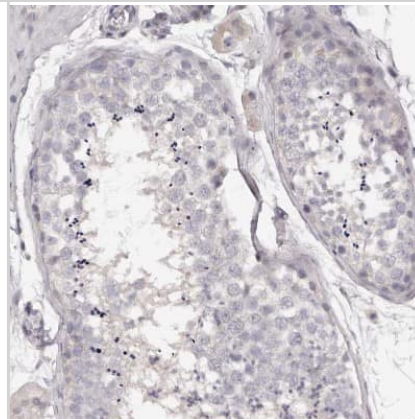
Images

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

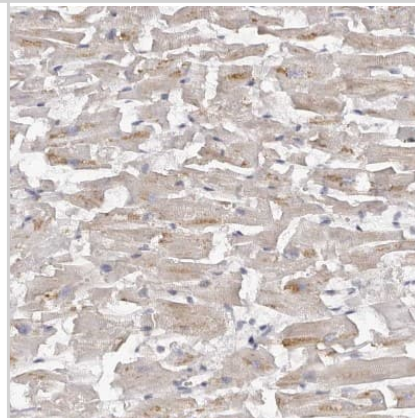
Immunohistochemistry-Paraffin: Kir6.1 Antibody [NBP1-87710] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



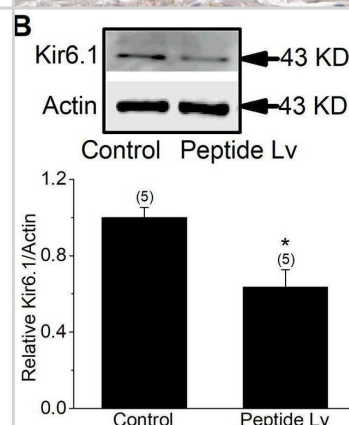
Immunohistochemistry-Paraffin: Kir6.1 Antibody [NBP1-87710] - Staining of human testis shows very weak cytoplasmic positivity in cells in seminiferous ducts.



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



Peptide Lv does not increase the expressions of KCa2.3, Kir6.1, or TRPV4 in ECs. Endothelial cells were treated with PBS (vehicle control) or peptide Lv (500 ng/ml) for 4 hours and processed for immunoblotting or qPCR. Peptide Lv did not increase (A) KCa2.3, (B) Kir6.1, or (C) TRPV4 in cultured HUVECs. Student's t-test was used for statistical analyses; * $p < 0.05$. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36282858>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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