Product Datasheet

KCNJ10 Antibody
NBP1-20149

Unit Size: 0.1 ml

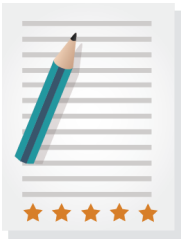
Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-20149

Updated 10/23/2024 v.20.1



NBP1-20149

KCNJ10 Antibody

Product Information

Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

Product Description

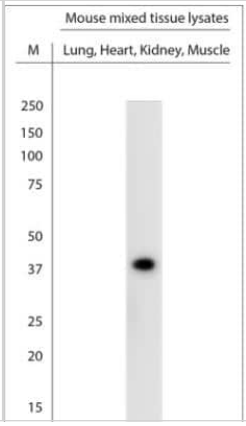
Host	Rabbit
Gene ID	3766
Gene Symbol	KCNJ10
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide from amino acid region 330-379 of human KCNJ10 conjugated to blue carrier protein was used as the antigen. The antigen is homologous in rat and mouse.

Product Application Details

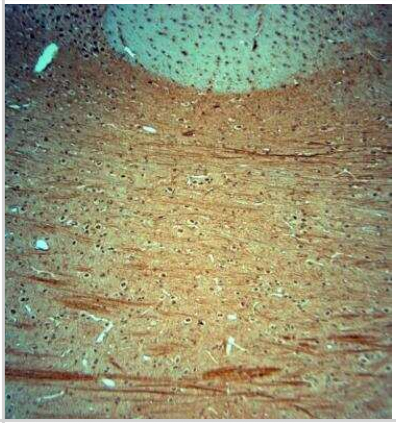
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:3000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:2000, Immunohistochemistry-Frozen 1:10-1:500

Images

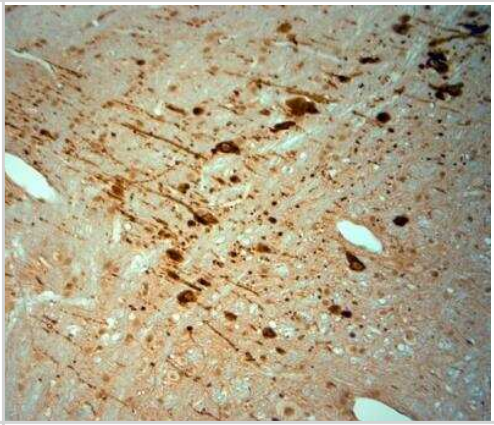
Western Blot: KCNJ10 Antibody [NBP1-20149] - WB on mouse tissue lysate. Blocking: 1% LFDM for 30 min at RT; primary antibody: dilution 1:3000 incubated at 4C overnight.



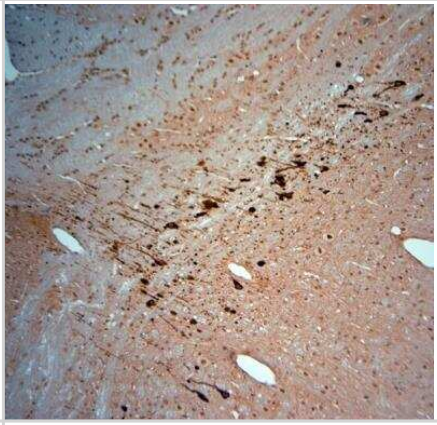
Immunohistochemistry-Paraffin: KCNJ10 Antibody [NBP1-20149] - IHC-P on paraffin sections of rat brain. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions; DAB chromogen: Candela DAB chromogen from Osenses. Primary antibody: dilution 1: 2000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



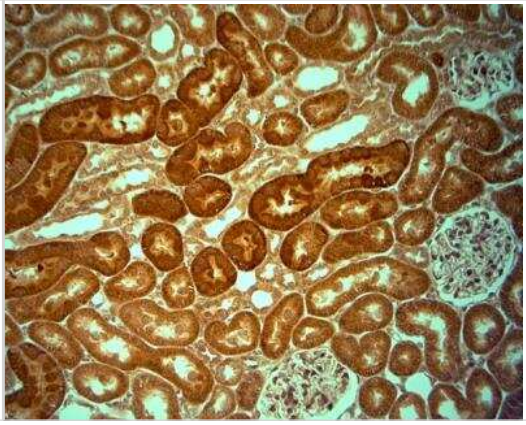
Immunohistochemistry-Paraffin: KCNJ10 Antibody [NBP1-20149] - IHC-P on paraffin sections of rat brain. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions; DAB chromogen. Primary antibody: dilution 1: 2000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.



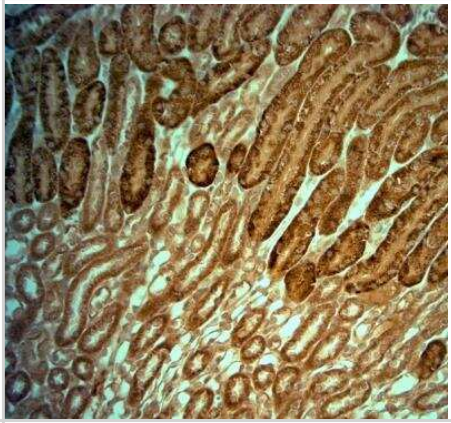
Immunohistochemistry-Paraffin: KCNJ10 Antibody [NBP1-20149] - IHC-P on paraffin sections of rat brain. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions; DAB chromogen. Primary antibody: dilution 1: 2000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.



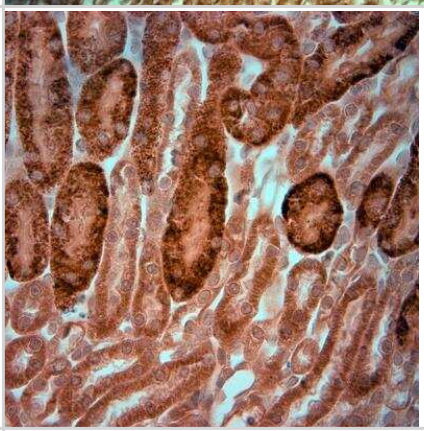
Immunohistochemistry-Paraffin: KCNJ10 Antibody [NBP1-20149] - IHC-P on paraffin sections of mouse kidney. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer from following manufacturers instructions; DAB chromogen. Primary antibody: dilution 1: 2000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.



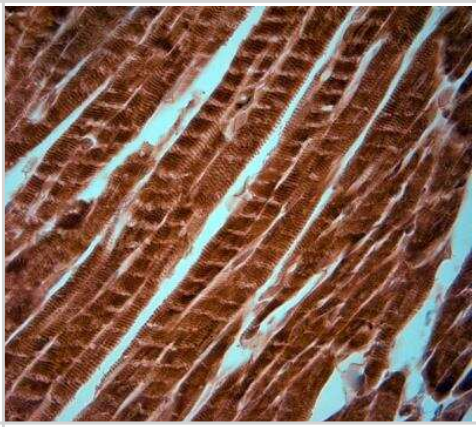
Immunohistochemistry-Paraffin: KCNJ10 Antibody [NBP1-20149] - IHC-P on paraffin sections of rat kidney. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions; DAB chromogen. Primary antibody: dilution 1: 2000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: KCNJ10 Antibody [NBP1-20149] - IHC-P on paraffin sections of rat kidney. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions; DAB chromogen. Primary antibody: dilution 1: 2000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: KCNJ10 Antibody [NBP1-20149] - IHC-P on paraffin sections of rat heart. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions; DAB chromogen. Primary antibody: dilution 1: 2000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: KCNJ10 Antibody [NBP1-20149] - IHC-P on paraffin sections of rat brain. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions; DAB chromogen: Candela DAB chromogen from Osenses. Primary antibody: dilution 1: 2000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.

Publications

Nadella RK, Chellappa A, Subramaniam AG et al. Identification and functional characterization of two novel mutations in KCNJ10 and PI4KB in SeSAME syndrome without electrolyte imbalance Hum. Genomics 2019-10-22 [PMID: 31640787] (WB, Human)

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-20149

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003766-Q01-10ug	Recombinant Human KCNJ10 GST (N-Term) Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-20149

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications