

Product Datasheet

KCNJ15 Antibody - BSA Free

NBP1-83091

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: 3

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NBP1-83091

KCNJ15 Antibody - BSA Free

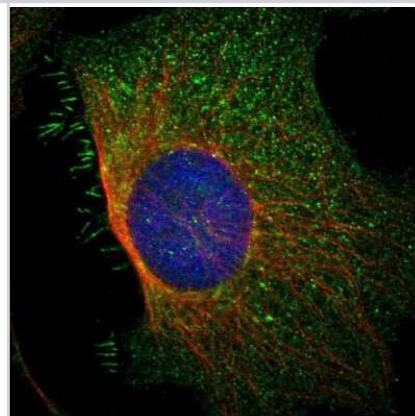
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit KCNJ15 Antibody - BSA Free (NBP1-83091) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-KCNJ15 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3772
Gene Symbol	KCNJ15
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SAVCQSRTSYIPEEIYWGFEFVPVVSLSKNGKYVADFSQFEQIRKSPDCTFYCA DSEKQQLLEEKYRQEDQRERELRTL

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

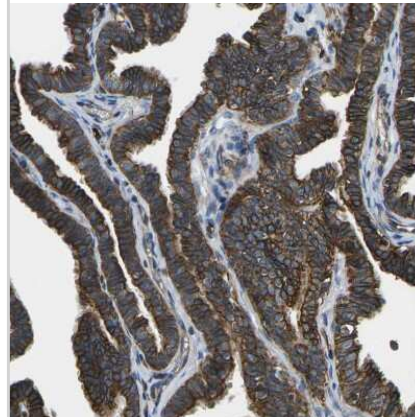
Immunocytochemistry/Immunofluorescence: KCNJ15 Antibody [NBP1-83091] - Immunofluorescent staining of human cell line U-2 OS shows localization to plasma membrane & cytosol.



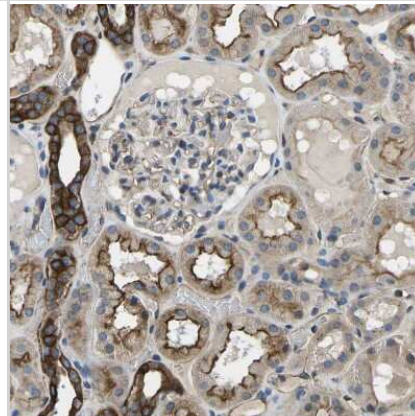
Immunohistochemistry: KCNJ15 Antibody [NBP1-83091] - Protein expression alterations in PanIN and pancreatic adenocarcinoma. Representative immunohistochemistry images of normal pancreatic duct, PanINs and pancreatic cancer tissues for: Gata4, Kcnj15 and Reg4. Scale bar is 50 um. Right, Number of tumor microarray cores at each labeling score (negative, weak, or strong). Image collected and cropped by CiteAb from the following publication (<https://www.oncotarget.com/fulltext/19848>), licensed under a CC-BY license.



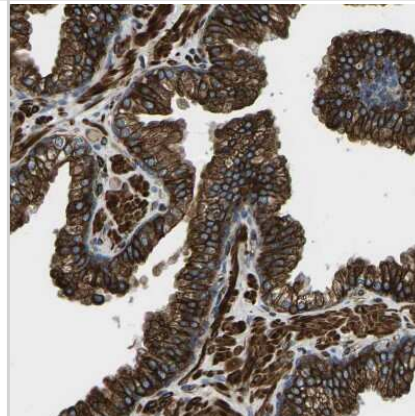
Immunohistochemistry-Paraffin: KCNJ15 Antibody [NBP1-83091] - Staining of human Fallopian tube shows strong membranous positivity in glandular cells.



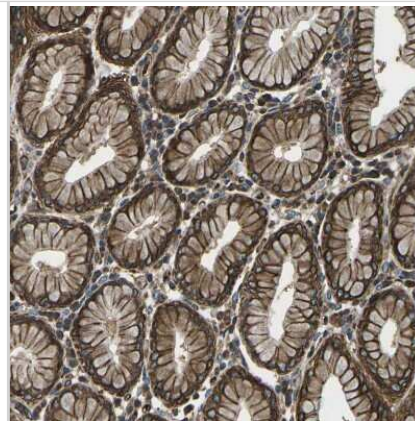
Immunohistochemistry-Paraffin: KCNJ15 Antibody [NBP1-83091] - Staining of human kidney shows strong membranous/cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: KCNJ15 Antibody [NBP1-83091] - Staining of human prostate shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: KCNJ15 Antibody [NBP1-83091] - Staining of human stomach shows strong membranous/cytoplasmic positivity in glandular cells.



Protein expression alterations in PanIN and pancreatic adenocarcinoma
 Left, Representative immunohistochemistry images of normal pancreatic duct, PanINs and pancreatic cancer tissues for: Gata4, Kcnj15 and Reg4. Scale bar is 50 μ m. Right, Number of tumor microarray cores at each labeling score (negative, weak, or strong).



Publications

Ngu J, Bronckers ALJJ, Katsura K et al. Na⁺ and K⁺ transport and maturation stage ameloblast modulation *Frontiers in physiology* 2023-02-06 [PMID: 36814472] (IHC, WB, Mouse)

Ayars M, O'Sullivan E, Macgregor-Das A et al. IL2RG, identified as overexpressed by RNA-seq profiling of pancreatic intraepithelial neoplasia, mediates pancreatic cancer growth *Oncotarget*. 2017-10-13 [PMID: 29137350] (IF/IHC)

He W, Liu W, Chew CS et al. Acid secretion-associated translocation of KCNJ15 in gastric parietal cells. *Am J Physiol Gastrointest Liver Physiol* 2011-10-01 [PMID: 21719736]



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Products Related to NBP1-83091

NBP1-83091PEP	KCNJ15 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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