

# Product Datasheet

## KCNJ10 Antibody NBP3-18248

Unit Size: 100 ug

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

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**NBP3-18248**

## KCNJ10 Antibody

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS, 50% glycerol

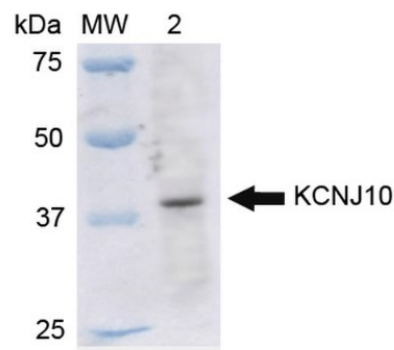
Product Description	
Host	Rabbit
Gene ID	3766
Gene Symbol	KCNJ10
Species	Human, Rat
Immunogen	Synthetic peptide from the mid-protein of Human KCNJ10

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100
Application Notes	Optimal dilutions for assays should be determined by the user.

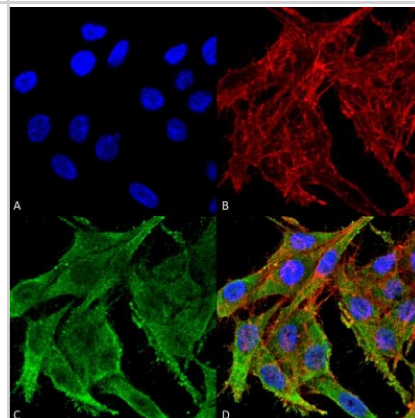


## Images

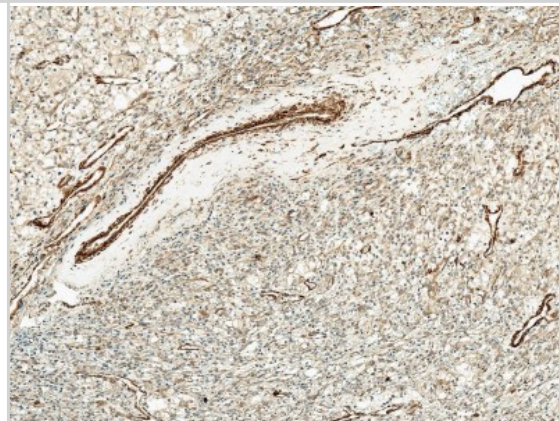
**Western Blot: KCNJ10 Antibody [NBP3-18248]** - Western blot analysis of Rat Liver cell lysates showing detection of ~42.5 kDa KCNJ10 protein using Rabbit Anti-KCNJ10 Polyclonal Antibody (NBP3-18248). Lane 1: Molecular Weight Ladder (MW). Lane 2: Rat Liver cell lysates. Load: 15 ug. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-KCNJ10 Polyclonal Antibody (NBP3-18248) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~42.5 kDa.



**Immunocytochemistry/Immunofluorescence: KCNJ10 Antibody [NBP3-18248]** - Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-KCNJ10 Polyclonal Antibody (NBP3-18248). Tissue: Colon carcinoma cell line (RKO). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-KCNJ10 Polyclonal Antibody (NBP3-18248) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Membrane, Cytoplasm. Magnification: 60X. (A) DAPI nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) KCNJ10 Antibody. (D) Composite.



**Immunohistochemistry: KCNJ10 Antibody [NBP3-18248]** - Immunohistochemistry analysis using Rabbit Anti-KCNJ10 Polyclonal Antibody (NBP3-18248). Tissue: Kidney. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-KCNJ10 Polyclonal Antibody (NBP3-18248) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.





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### **Products Related to NBP3-18248**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
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

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### **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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