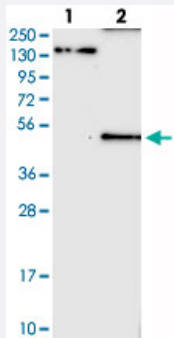


KCNJ5 polyclonal antibody

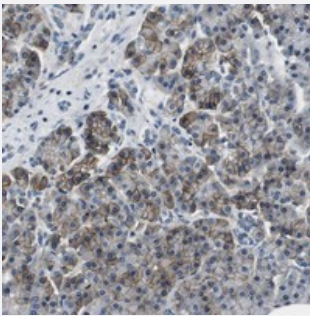
Catalog # PAB21130 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with KCNJ5 polyclonal antibody (Cat # PAB21130).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human pancreas with KCNJ5 polyclonal antibody (Cat # PAB21130) shows strong membranous and cytoplasmic positivity in exocrine glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant KCNJ5.
Immunogen	Recombinant protein corresponding to amino acids of human KCNJ5.
Sequence	TPVLTLEKGFYEVDYNTFHDYETNTPSCCAKELAEMKREGRLQLPSPPLLGGCAEAGLDAEA EQNEEDEPKGLGG
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with KCNJ5 polyclonal antibody (Cat # PAB21130).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human pancreas with KCNJ5 polyclonal antibody (Cat # PAB21130) shows strong membranous and cytoplasmic positivity in exocrine glandular cells.

Gene Info — KCNJ5

Entrez GeneID	3762
Protein Accession#	P48544
Gene Name	KCNJ5
Gene Alias	CIR, GIRK4, KATP1, KIR3.4
Gene Description	potassium inwardly-rectifying channel, subfamily J, member 5
Omim ID	600734
Gene Ontology	Hyperlink

Gene Summary

Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins. It may associate with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex. [provided by RefSeq]

Other Designations

G protein-activated inward rectifier potassium channel 4 (GIRK4) (Potassium channel, inwardly rectifying, subfamily J, member 5) (Inward rectifier K⁺ channel Kir3.4) (Heart KATP channel) (KATP-1) (Cardiac inward rectifier) (CIR)...[cardiac ATP-sensitive p

Disease

- [Atrial Fibrillation](#)
- [Sick Sinus Syndrome](#)