

KCNJ5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59427**Specification**

KCNJ5 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	P48544
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47668

KCNJ5 Polyclonal Antibody - Additional Information**Gene ID** 3762**Other Names**

G protein-activated inward rectifier potassium channel 4, GIRK-4, Cardiac inward rectifier, CIR, Heart KATP channel, Inward rectifier K(+) channel Kir3.4, IRK-4, KATP-1, Potassium channel, inwardly rectifying subfamily J member 5, KCNJ5, GIRK4

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KCNJ5 Polyclonal Antibody - Protein Information**Name** KCNJ5**Synonyms** GIRK4**Function**

Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. Can be blocked by external barium. This potassium channel is controlled by G proteins.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

Islets, exocrine pancreas and heart. Expressed in the adrenal cortex, particularly the zona

glomerulosa

KCNJ5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KCNJ5 Polyclonal Antibody - Images