

Rabbit Anti-GIRK1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52214**Specification**

Rabbit Anti-GIRK1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P48549
Reactivity	Human, Mouse, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56603

Rabbit Anti-GIRK1 Polyclonal Antibody - Additional Information**Gene ID** 3760**Other Names**

KGA; GIRK1; KIR3.1; G protein-activated inward rectifier potassium channel 1; GIRK-1; Inward rectifier K(+) channel Kir3.1; Potassium channel, inwardly rectifying subfamily J member 3; KCNJ3

Dilution

WB~~1:100~1:500

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.

Rabbit Anti-GIRK1 Polyclonal Antibody - Protein Information**Name** KCNJ3**Synonyms** GIRK1**Function**

This potassium channel is controlled by G proteins. 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. This receptor plays a crucial role in regulating the heartbeat.

Cellular Location

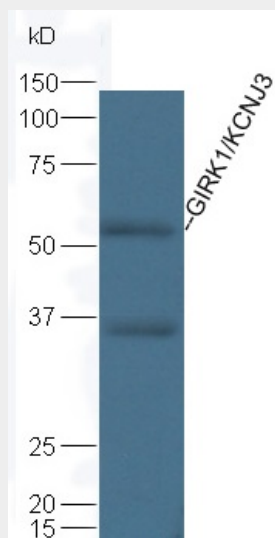
Membrane; Multi-pass membrane protein.

Rabbit Anti-GIRK1 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](#)

Rabbit Anti-GIRK1 Polyclonal Antibody - Images



Mouse kidney lysate probed with Rabbit Anti-GIRK1 Polyclonal Antibody (AP52214) at 1:300 overnight in 4°C. Followed by conjugation to the secondary antibody at 1:5000 90min in 37°C

Rabbit Anti-GIRK1 Polyclonal Antibody - Background

This potassium channel is controlled by G proteins. 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. This receptor plays a crucial role in regulating the heartbeat.