

### 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

<span class ="dilution\_WB">WB~~1:100~1:500</span>

#### **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.

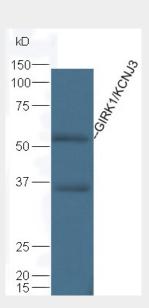


## Rabbit Anti-GIRK1 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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

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