

**KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14914****Specification**

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**KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110) - Product Information**

Application	WB
Primary Accession	<a href="#">Q92806</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa KDa

**KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110) - Additional Information****Gene ID** 3765**Other Names**

G protein-activated inward rectifier potassium channel 3, GIRK-3, Inward rectifier K(+) channel Kir3.3, Potassium channel, inwardly rectifying subfamily J member 9, KCNJ9, GIRK3

**Target/Specificity**

KCNJ9 Antibody detects endogenous levels of total KCNJ9 protein.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110) is for research use only and not for use in diagnostic or therapeutic procedures.

**KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110) - Protein Information****Name** KCNJ9**Synonyms** GIRK3**Function**

This receptor 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 (By similarity).

**Cellular Location**

Membrane; Multi-pass membrane protein.

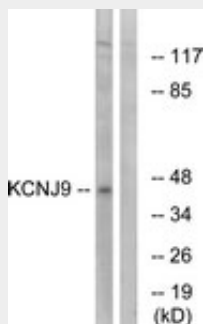
**Volume**  
50 µl

### **KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110) - 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](#)

### **KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110) - Images**



Western blot of extracts from LOVO cells, using KCNJ9 Antibody.

### **KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110) - Background**

This receptor 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 (By similarity).

### **KCNJ9 / Kir3.3 / GIRK3 Antibody (aa61-110) - References**

Schoots O., et al. Cell. Signal. 11:871-883(1999).  
Vaughn J., et al. Biochem. Biophys. Res. Commun. 274:302-309(2000).  
Gregory S.G., et al. Nature 441:315-321(2006).