

GIRK3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58485

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q92806
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44020

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
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

Protein Information

Name	KCNJ9
Synonyms	GIRK3
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. This receptor is controlled by G proteins. Unable to produce channel activity when expressed alone (PubMed: 10659995). Forms a functional channel in association with KCNJ3/GIRK1 (By similarity).
Cellular Location	Membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.