

ARG64342 anti-GIRK2 / KCNJ6 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GIRK2 / KCNJ6
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GIRK2 / KCNJ6
Species	Human
Immunogen	C-SSKLNQHAELET
Conjugation	Un-conjugated
Alternate Names	Potassium channel, inwardly rectifying subfamily J member 6; KCNJ7; GIRK-2; BIR1; KPLBS; KATP-2; hiGIRK2; KATP2; Inward rectifier K; G protein-activated inward rectifier potassium channel 2; KIR3.2; GIRK2

Application Instructions

Application table	Application	Dilution
	WB	2 - 6 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 3763 Human](#)

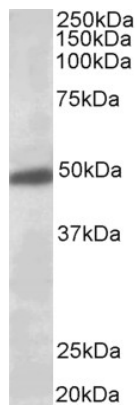
[Swiss-port # P48051 Human](#)

Background Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins and may be involved in the regulation of insulin secretion by glucose. It associates with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex. [provided by RefSeq, Jul 2008]

Research Area Neuroscience antibody

Calculated Mw 48 kDa

Images



ARG64342 anti-GIRK2 / KCNJ6 antibody WB image

Western blot: 35 µg of Human brain (substantia nigra) lysate (in RIPA buffer) stained with ARG64342 anti-GIRK2 / KCNJ6 antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.