

## KIR3.4 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04821
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human KCNJ5. AA range:370-419
<b>Mol wt</b>	47669
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	KIR3.4 Antibody
<b>Synonyms</b>	KCNJ5; GIRK4; G protein-activated inward rectifier potassium channel 4; GIRK-4; Cardiac inward rectifier; CIR; Heart KATP channel; Inward rectifier K(+) channel Kir3.4; IRK-4; KATP-1; Potassium channe

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by KCNJ5 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. It may associate with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex.

### Recommended Dilution

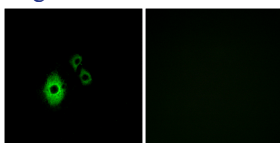
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

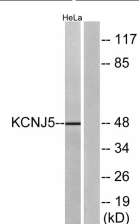
ELISA: 1: 5000

Not yet tested in other applications.

### Images



Immunofluorescence analysis of A549 cells, using KCNJ5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using KCNJ5 Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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