Datasheet for ABIN7153290

anti-KCNJ5 antibody (AA 348-419) (Biotin)

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Overview

Quantity:	100 µg
Target:	KCNJ5
Binding Specificity:	AA 348-419
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ5 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human G protein-activated inward rectifier potassium channel 4 protein (348-419AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KCNJ5
Alternative Name:	KCNJ5 (KCNJ5 Products)
Background:	Background: This potassium channel is controlled by G proteins. Inward rectifier potassium

Target Details

	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. Can be blocked by external barium. Aliases: Cardiac ATP sensitive potassium channel antibody, Cardiac inward rectifier antibody, CIR antibody, G protein activated inward rectifier potassium channel 4 antibody, G protein-activated inward rectifier potassium channel 4 antibody, GIRK 4 antibody, GIRK-4 antibody, GIRK4 antibody, Heart KATP channel antibody, Inward rectifier K(+) channel Kir3.4 antibody, Inward rectifier K+ channel KIR3.4 antibody, Inward rectifier potassium channel KIR3.4 antibody, inwardly rectifying subfamily J member 5 antibody, IRK-4 antibody, IRK5_HUMAN antibody, KATP 1 antibody, KATP-1 antibody, KATP1 antibody, KCNJ 5 antibody, Kcnj5 antibody, KIR 3.4 antibody, KIR3.4 antibody, LQT13 antibody, Potassium channel antibody, Potassium channel inwardly rectifying subfamily J member 5 antibody, Potassium inwardly rectifying channel J5 antibody, Potassium inwardly rectifying channel subfamily J member 5 antibody, potassium voltage-gated channel subfamily J member 5 antibody
UniProt:	P48544
Pathways:	Notch Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.