

Datasheet for ABIN7153286
anti-KCNJ3 antibody (AA 350-487) (Biotin)



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Overview

Quantity:	100 µg
Target:	KCNJ3
Binding Specificity:	AA 350-487
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human G protein-activated inward rectifier potassium channel 1 protein (350-487AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KCNJ3
Alternative Name:	KCNJ3 (KCNJ3 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. This receptor plays a crucial role in regulating the heartbeat.

Aliases: G protein activated inward rectifier potassium channel 1 antibody, G protein-activated inward rectifier potassium channel 1 antibody, GIRK-1 antibody, GIRK1 antibody, Inward rectifier K(+) channel Kir3.1 antibody, Inwardly rectifying potassium channel KIR3.1 antibody, inwardly rectifying subfamily J member 3 antibody, IRK3 antibody, IRK3_HUMAN antibody, Kcnf3 antibody, Kcnj3 antibody, KGA antibody, KGB1 antibody, Kir3.1 antibody, Potassium channel antibody, Potassium channel, inwardly rectifying subfamily J member 3 antibody, Potassium inwardly-rectifying channel, subfamily J, member 3 antibody

UniProt: [P48549](#)

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.