Datasheet for ABIN7145020

anti-KCNJ1 antibody (AA 165-379) (HRP)

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Overview

Quantity:	100 µg
Target:	KCNJ1
Binding Specificity:	AA 165-379
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human ATP-sensitive inward rectifier potassium channel 10 protein (165-379AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KCNJ1
Alternative Name:	KCNJ1 (KCNJ1 Products)
Background:	Background: May be responsible for potassium buffering action of glial cells in the brain. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to

Target Details

	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 extracellular barium and cesium. Aliases: inwardly rectifying subfamily J member 10 antibody, ATP dependent inwardly rectifying potassium channel Kir4.1 antibody, ATP sensitive inward rectifier potassium channel 10 antibody, ATP-dependent inwardly rectifying potassium channel Kir4.1 antibody, ATP-sensitive inward rectifier potassium channel 10 antibody, BIRK10 antibody, Glial ATP dependent inwardly rectifying potassium channel KIR4.1 antibody, Inward rectifier K(+) channel Kir1.2 antibody, Inward rectifier K+ channel KIR1.2 antibody, Inwardly rectifying potassium channel Kir1.2 antibody, KCJ10_HUMAN antibody, KCNJ 10 antibody, Kcnj10 antibody, KCNJ13 PEN antibody, KIR1.2 antibody, KIR4.1 antibody, Potassium channel antibody, Potassium channel inwardly rectifying subfamily J member 10 antibody, Potassium inwardly rectifying channel subfamily J member 10 antibody, SESAME antibody
UniProt:	P78508

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.