Datasheet for ABIN898949

anti-KCNJ6 antibody (Alexa Fluor 350)

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Overview

Quantity:	100 µL
Target:	KCNJ6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ6 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GIRK2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	KCNJ6
Alternative Name:	Girk2 (KCNJ6 Products)
Background:	Synonyms: inwardly rectying subfamily J member 6, Kir3.2, BIR1, G protein activated inward rectier potassium channel 2, G protein-activated inward rectier potassium channel 2, GIRK-2, Inward rectier K+ channel Kir3.2, IRK6_HUMAN, KATP-2, Kcnj6, Kcnj7, Potassium channel, Potassium channel inwardly rectying subfamily J member 6.

Target Details

	Background: This potassium channel may be involved in the regulation of insulin secretion by glucose and/or neurotransmitters acting through G-protein-coupled receptors. Inward rectifier potassium 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.
Gene ID:	3763

Application Details

Application Notes:	IF(IHC-P)(1:50-200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months