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Datasheet for ABIN898954

**anti-KCNJ9 antibody (AA 61-160) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	KCNJ9
Binding Specificity:	AA 61-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ9 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GIRK3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Pig
Purification:	Purified by Protein A.

## Target Details

Target:	KCNJ9
Alternative Name:	GIRK3 ( <a href="#">KCNJ9 Products</a> )
Background:	Synonyms: G protein activated inward rectifier potassium channel 3, G protein coupled inward

## Target Details

rectifier potassium channel, GIRK3, Inwardly rectifier K<sup>+</sup> channel Kir3.3, Inwardly rectifier K<sup>+</sup> channel KIR3.3, KIR3.3, Potassium channel inwardly rectifying subfamily J member 9, Potassium inwardly rectifying channel subfamily J member 9, Potassium inwardly rectifying channel subfamily J9.

Background: KCNJ9 belongs to the inward rectifier-type potassium channel family and is controlled by G proteins. It associates with another G-protein-activated potassium channel to form a heteromultimeric pore-forming complex. 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: 3760

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 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: ProClin

Precaution of Use: This product contains ProClin: 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