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## Datasheet for ABIN1405510 **anti-KCNJ5 antibody (Alexa Fluor 488)**

### Overview

Quantity:	100 µL
Target:	KCNJ5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ5 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KCNJ5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	KCNJ5
Alternative Name:	KCNJ5 ( <a href="#">KCNJ5 Products</a> )
Background:	Synonyms: inwardly rectifying subfamily J member 5, Cardiac ATP sensitive potassium channel, Cardiac inward rectifier, CIR, G protein activated inward rectifier potassium channel 4, G protein-activated inward rectifier potassium channel 4, GIRK 4, GIRK-4, GIRK4, Heart KATP channel, Inward rectifier K <sup>+</sup> channel Kir3.4, Inward rectifier K <sup>+</sup> channel KIR3.4, IRK-4, IRK5_HUMAN, KATP

## Target Details

1, KATP-1, KATP1, KCNJ 5, Kcnj5, KIR 3.4, KIR3.4, Potassium channel, Potassium channel inwardly rectifying subfamily J member 5, Potassium inwardly rectifying channel J5, Potassium inwardly rectifying channel subfamily J member 5.

Background: Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins. It may associate with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex. [provided by RefSeq, Jul 2008].

Gene ID: 3762

Pathways: [Notch Signaling](#)

## 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: 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