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## Datasheet for ABIN705343 **anti-KCNJ6 antibody (Biotin)**

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL                                      |
| Target:      | KCNJ6                                       |
| Reactivity:  | Human, Mouse, Rat                           |
| Host:        | Rabbit                                      |
| Clonality:   | Polyclonal                                  |
| Conjugate:   | This KCNJ6 antibody is conjugated to Biotin |
| 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 ( <a href="#">KCNJ6 Products</a> )   |
| Background:       | Synonyms: inwardly rectifying subfamily J member 6, Kir3.2, BIR1, G protein activated inward rectifier potassium channel 2, G protein-activated inward rectifier potassium channel 2, GIRK-2, Inward rectifier K <sup>+</sup> channel Kir3.2, IRK6_HUMAN, KATP-2, Kcnj6, Kcnj7, Potassium channel, Potassium channel inwardly rectifying 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: WB(1:100-1000), IHC-P(1:100-500)

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 for 12 months.

Expiry Date: 12 months