

## Datasheet for ABIN7117715 **anti-KCNJ5 antibody**

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### Overview

Quantity:	100 µg
Target:	KCNJ5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	potassium inwardly-rectifying channel, subfamily J, member 5
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	KCNJ5
Alternative Name:	KCNJ5 ( <a href="#">KCNJ5 Products</a> )
Background:	Synonyms:KCNJ5, CIR, GIRK4, KATP1, KIR3.4, LQT13, potassium voltage-gated channel subfamily J member 5 Background:This potassium channel is controlled by G proteins. 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

## Target Details

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 external barium.

Molecular Weight: 47 kDa

Gene ID: 3762

UniProt: [P48544](#)

Pathways: [Notch Signaling](#)

## Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months