

Datasheet for ABIN1537138
anti-KCNJ1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	KCNJ1
Binding Specificity:	AA 345-374, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNJ1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 345-374 amino acids from the C-terminal region of human KCNJ1.
Clone:	RB39463
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNJ1
Alternative Name:	KCNJ1 (KCNJ1 Products)
Background:	Potassium channels are present in most mammalian cells, where they participate in a wide

Target Details

range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. It is activated by internal ATP and probably plays an important role in potassium homeostasis. The encoded protein has a greater tendency to allow potassium to flow into a cell rather than out of a cell. Mutations in this gene have been associated with antenatal Bartter syndrome, which is characterized by salt wasting, hypokalemic alkalosis, hypercalciuria, and low blood pressure. Multiple transcript variants encoding different isoforms have been found for this gene.

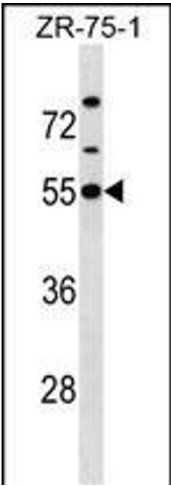
Molecular Weight:	44795
Gene ID:	3758
NCBI Accession:	NP_000211 , NP_722448 , NP_722449 , NP_722450 , NP_722451
UniProt:	P48048

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	KCNJ1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. KCNJ1 Antibody (C-term) (ABIN1537138 and ABIN2850385) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the KCNJ1 antibody detected the KCNJ1 protein (arrow).