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Datasheet for ABIN1536603

anti-KCNJ3 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	KCNJ3
Binding Specificity:	AA 390-418, C-Term
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KCNJ3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNJ3 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 390-418 amino acids from the C-terminal region of human KCNJ3.
Clone:	383CT22-2-1
Isotype:	IgM
Predicted Reactivity:	B, Rat
Purification:	This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Target Details

Target:	KCNJ3
Alternative Name:	KCNJ3 (KCNJ3 Products)

Target Details

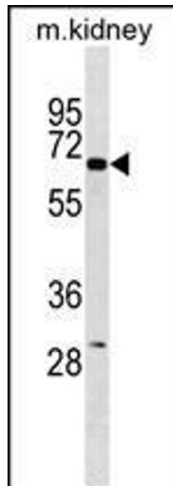
Background:	Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins and plays an important role in regulating heartbeat. It associates with three other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex.
Molecular Weight:	56603
Gene ID:	3760
NCBI Accession:	NP_001247437 , NP_001247438 , NP_001247439 , NP_002230
UniProt:	P48549

Application Details

Application Notes:	WB: 1:100~1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal 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:	KCNJ3 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. KCNJ3 Antibody (C-term) (ABIN1536603 and ABIN2843825) western blot analysis in mouse kidney tissue lysates (35 µg/lane). This demonstrates the KCNJ3 antibody detected the KCNJ3 protein (arrow).