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Datasheet for ABIN570953 anti-KCNJ1 antibody (Internal Region)

1 Image



Overview

Quantity:	100 µg
Target:	KCNJ1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KCNJ1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	KCNJ1 / ROMK
Immunogen:	Peptide with sequence C-DQININFVVDAGNEN , from the internal region of the protein sequence according to NP_000211.1, NP_722448.1.
Sequence:	DQININFVVD AGNEN
Isotype:	lgG
Specificity:	This antibody is expected to recognize reported isoforms NP_722449.2 and NP_000211. The following reported variants represent identical protein: NP_722451.1, NP_722449.2, NP_722450.1, NP_722448.1.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

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Product Details	
	chromatography using the immunizing peptide.
Grade:	Verified
Target Details	
Target:	KCNJ1
Alternative Name:	KCNJ1 (KCNJ1 Products)
Background:	KCNJ1, potassium inwardly-rectifying channel, subfamily J, member 1, KIR1.1, ROMK, ROMK1, ATP-regulated potassium channel ROM-K, ATP-sensitive inward rectifier potassium channel 1, OTTHUMP00000045938, inwardly rectifying K+ channel, potassium inwardly-rec
Gene ID:	3758, 56379, 24521
NCBI Accession:	NP_000211, NP_722448
Application Details	
Application Notes:	Western Blot: Approx. 45 kDa band observed in Human Kidney lysates (calculated MW of 44.8 kDa according to NP_000211.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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250kDa 150kDa	Western Blotting
100kDa 75kDa	Image 1. ABIN570953 (1 μ g/ml) staining of Human Kidney
50kDa	lysate (35µg protein in RIPA buffer). Primary incubation was
37kDa	1 hour. Detected by chemiluminescence.
25kDa	
20kDa	
15kDa	

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