

DNAxPAb

Hard-to-Find
Antibody

KCNJ1 DNAxPAb

Catalog # H00003758-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human KCNJ1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — KCNJ1

Entrez GeneID	3758
GeneBank Accession#	NM_153765.1
Protein Accession#	NP_722449.1
Gene Name	KCNJ1
Gene Alias	KIR1.1, ROMK, ROMK1
Gene Description	potassium inwardly-rectifying channel, subfamily J, member 1
Omim ID	241200 600359
Gene Ontology	Hyperlink
Gene Summary	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. 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. [provided by RefSeq]
Other Designations	ATP-regulated potassium channel ROM-K ATP-sensitive inward rectifier potassium channel 1 OTTHUMP00000045938 inwardly rectifying K+ channel potassium inwardly-rectifying channel J1

Disease

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