

KCNJ6 rabbit monoclonal antibody

Catalog # H00003763-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KCNJ6 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KCNJ6 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human KCNJ6 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — KCNJ6

Entrez GeneID	3763
GeneBank Accession#	KCNJ6
Gene Name	KCNJ6
Gene Alias	BIR1, GIRK2, KATP2, KCNJ7, KIR3.2, MGC126596, hiGIRK2
Gene Description	potassium inwardly-rectifying channel, subfamily J, member 6
Omim ID	600877
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. 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 may be involved in the regulation of insulin secretion by glucose. It associates with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex. [provided by RefSeq]
Other Designations	G protein-activated inward rectifier potassium channel 2 OTTHUMP00000109101 inward rectifier potassium channel KIR3.2 potassium inwardly-rectifying channel J6

Disease

- [Bipolar Disorder](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Tobacco Use Disorder](#)