

KCNJ12 rabbit monoclonal antibody

Catalog # H00003768-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KCNJ12 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KCNJ12 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 KCNJ12 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 — KCNJ12

Entrez GeneID	3768
GeneBank Accession#	KCNJ12
Gene Name	KCNJ12
Gene Alias	FLJ14167, IRK2, KCNJN1, Kir2.2, Kir2.2v, hIRK, hIRK1, hkir2.2x, kcnj12x
Gene Description	potassium inwardly-rectifying channel, subfamily J, member 12
Omim ID	602323
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an inwardly rectifying K ⁺ channel which may be blocked by divalent cations. This protein is thought to be one of multiple inwardly rectifying channels which contribute to the cardiac inward rectifier current (I _{K1}). The gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq]
Other Designations	ATP-sensitive inward rectifier potassium channel 12 potassium inwardly-rectifying channel, subfamily J, inhibitor 1