

KCNK2 rabbit monoclonal antibody

Catalog # H00003776-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KCNK2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KCNK2 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 KCNK2 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 — KCNK2

Entrez GeneID	3776
GeneBank Accession#	KCNK2
Gene Name	KCNK2
Gene Alias	K2p2.1, MGC126742, MGC126744, TPKC1, TREK, TREK-1, TREK1, hTREK-1c, hTREK-1e
Gene Description	potassium channel, subfamily K, member 2
Omim ID	603219
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of the members of the two-pore-domain background potassium channel protein family. This type of potassium channel is formed by two homodimers that create a channel that leaks potassium out of the cell to control resting membrane potential. The channel can be opened, however, by certain anesthetics, membrane stretching, intracellular acidosis, and heat. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	K2P2.1 potassium channel OTTHUMP00000035062 OTTHUMP00000035063 TWIK-related potassium channel 1 potassium inwardly-rectifying channel, subfamily K, member 2 tandem-pore-domain potassium channel TREK-1 two-pore potassium channel 1

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