KCNK10 rabbit monoclonal antibody

Catalog # H00054207-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KCNK10 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KCNK10 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 KCNK10 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — KCNK10

Entrez GeneID	54207
GeneBank Accession#	KCNK10
Gene Name	KCNK10
Gene Alias	FLJ43399, K2p10.1, TREK-2, TREK2
Gene Description	potassium channel, subfamily K, member 10
Omim ID	605873
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the family of potassium channel proteins containing two pore-forming P domains. This channel is an open rectifier which primarily passes outward current under physiological K+ concentrations, and is stimulated strongly by arachidonic acid and to a lesser degree by membrane stretching, intracellular acidification, and general anaesthetics. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq
Other Designations	2P domain potassium channel TREK2|TWIK-related K+ channel 2|outward rectifying potassium channel protein TREK-2|potassium channel TREK-2