KCNC3 rabbit monoclonal antibody

Catalog # H00003748-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KCNC3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KCNC3 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 KCNC3 peptide by ELISA and mammalian transfected lysate by W estern 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 — KCNC3

Entrez GeneID	3748
GeneBank Accession#	KCNC3
Gene Name	KCNC3
Gene Alias	KSHIIID, KV3.3, SCA13
Gene Description	potassium voltage-gated channel, Shaw-related subfamily, member 3
Omim ID	176264 605259
Gene Ontology	Hyperlink
Gene Summary	The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the d elayed rectifier class of channel proteins and is an integral membrane protein that mediates the v oltage-dependent potassium ion permeability of excitable membranes. [provided by RefSeq
Other Designations	Shaw-related voltage-gated potassium channel protein 3|voltage-gated potassium channel protei n KV3.3

Disease

- Spinocerebellar ataxia
- Spinocerebellar Ataxias