KCNV1 rabbit monoclonal antibody

Catalog # H00027012-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KCNV1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KCNV1 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 KCNV1 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 — KCNV1

Entrez GeneID	27012
GeneBank Accession#	KCNV1
Gene Name	KCNV1
Gene Alias	HNKA, KCNB3, KV2.3, KV8.1
Gene Description	potassium channel, subfamily V, member 1
Omim ID	608164
Gene Ontology	Hyperlink
Gene Summary	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium voltage-gated channel subfamily V. This protein is essentially present in the brain, and its role might be to inhibit the function of a particular class of outward rectifier potassium channel types. [provided by RefSeq
Other Designations	neuronal potassium channel alpha subunit|potassium channel Kv8.1