

KCNK5 rabbit monoclonal antibody

Catalog # H00008645-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KCNK5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KCNK5 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 KCNK5 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 — KCNK5

Entrez GeneID	8645
GeneBank Accession#	KCNK5
Gene Name	KCNK5
Gene Alias	FLJ11035, K2p5.1, TASK-2, TASK2
Gene Description	potassium channel, subfamily K, member 5
Omim ID	603493
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, suggests it may play an important role in renal potassium transport. [provided by RefSeq]</p>
Other Designations	K2P5.1 potassium channel OTTHUMP00000016343 TWIK-related acid-sensitive K+ channel 2 acid-sensitive potassium channel protein TASK-2 potassium channel, subfamily K, member 1 (TASK-2)