# KCNK17 rabbit monoclonal antibody

Catalog # H00089822-K Size 100 ug x up to 3

## Specification

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| **Product Description** | Rabbit monoclonal antibody raised against a human KCNK17 peptide using ARM Technology. |
| **Immunogen** | A synthetic peptide of human KCNK17 is used for rabbit immunization.<br>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 KCNK17 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.<br>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 — KCNK17

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| **Entrez GeneID** | 89822 |
| **GeneBank Accession#** | KCNK17 |
| **Gene Name** | KCNK17 |
| **Gene Alias** | K2p17.1, TALK-2, TALK2, TASK-4, TASK4 |
| **Gene Description** | potassium channel, subfamily K, member 17 |
| **Omim ID** | 607370 |
| **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. This gene is activated at alkaline pH. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq |
| **Other Designations** | 2P domain potassium channel Talk-2\|OTTHUMP00000016346\|TWIK-related acid-sensitive K(+) channel 4\|TWIK-related alkaline pH-activated K(+) channel 2 |

## Disease

- Brain Ischemia
- Genetic Predisposition to Disease
- Stroke