

# KCNK3 Rabbit Polyclonal Antibody



CAB14745

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

38kDa

### Calculated MW:

43kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse

## Protein Background

This gene encodes a member of the superfamily of potassium channel proteins that contain two pore-forming P domains. The encoded protein is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid-sensitive potassium channel, it is activated by the anesthetics halothane and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for this gene.

## Immunogen information

### Gene ID:

3777

### Uniprot

O14649

### Synonyms:

KCNK3; K2p3.1; OAT1; PPH4; TASK; TASK-1; TBAK1

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

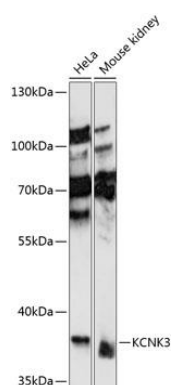
Recombinant fusion protein containing a sequence corresponding to amino acids 250-394 of human KCNK3 (NP\_002237.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using KCNK3 antibody (CAB14745) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.