

**Anti-Human/Mouse/Rat KCNK3 Polyclonal Antibody**  
**Polyclonal Antibody**

**Cat.NO.: PA04406**

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3th Edition

**Description:**KCNK3 (Potassium Two Pore Domain Channel Subfamily K Member 3) is a Protein Coding gene. Diseases associated with KCNK3 include Pulmonary Hypertension, Primary, 4 and Pulmonary Hypertension. Among its related pathways are Cardiac conduction and Neuropathic Pain-Signaling in Dorsal Horn Neurons. GO annotations related to this gene include protein homodimerization activity and protein C-terminus binding. An important paralog of this gene is KCNK9.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.

**Antigen:**Synthesized peptide derived from the N-terminal region of human TASK-1.

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Widespread expression in adult. Strongest expression in pancreas and placenta. Lower expression in brain, lung, prostate, heart, kidney, uterus, small intestine and colon.