

Anti-Human/Mouse/Rat Kcnk3 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA11235

3th Edition

Description: TASK channels are highly sensitive to external pH in the physiological range. TASK-1 is expressed in brain and in rat heart, with high levels of expression in the right atrium. TASK-2, mainly expressed in kidney, is localized in cortical distal tubules and collecting ducts, suggesting a role in renal K⁺ transport. TASK-3 from rat cerebellum shares 54% identity with TASK-1, but less than 30% identity with TASK-2 and other tandem pore K⁺ channels.

Antigen: Synthetic peptide of human KCNK3

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: Very strong expression in heart, also detected in kidney, brain, skin, testis, lung, skeletal muscle, small intestine and stomach. Not detected in liver, thymus or spleen.