uKATP-1 Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 251521
Unit: 0.1 mg

Description:
ATP-sensitive inward rectifier potassium channel 8 (uKATP-1) is a potassium channel that is controlled by G proteins. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. The voltage dependence of uKATP-1 is regulated by the concentration of extracellular potassium: as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. uKATP-1 can be blocked by external barium.

Isotype: Rabbit Ig
Applications: E, WB, IHC, IP
Species Reactivity: H, M, R
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.
Alternate Names: ATP-sensitive inward rectifier potassium channel 8; Inward rectifier K(+) channel Kir6.1; Potassium channel; inwardly rectifying subfamily J member 8; uKATP-1; KCNJ8
Accession No.: Q15842

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human uKATP-1.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.