KCNJ4 Antibody

PACO45527

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:20-1:200

Protein Background:

Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence 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. Can be blocked by extracellular barium and cesium.

Gene ID:

KCNJ4

Uniprot

P48050

Synonyms:

Inward rectifier potassium channel 4 (HIRK2) (HRK1) (Hippocampal inward rectifier) (HIR) (Inward rectifier K(+) channel Kir2.3) (IRK-3) (Potassium channel, inwardly rectifying subfamily J member 4), KCNJ4, IRK3

Immunogen:

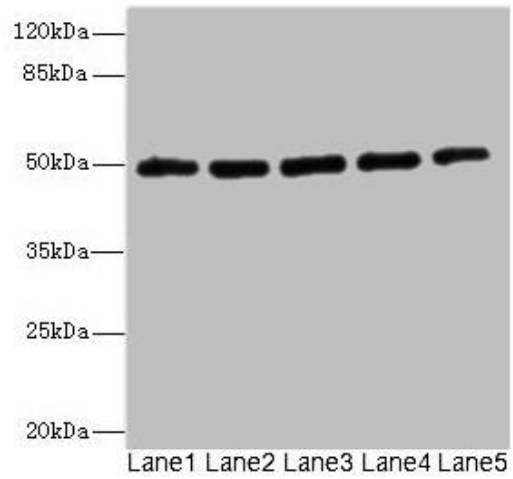
Recombinant Human Inward rectifier potassium channel 4 protein (316-445AA).

Storage:

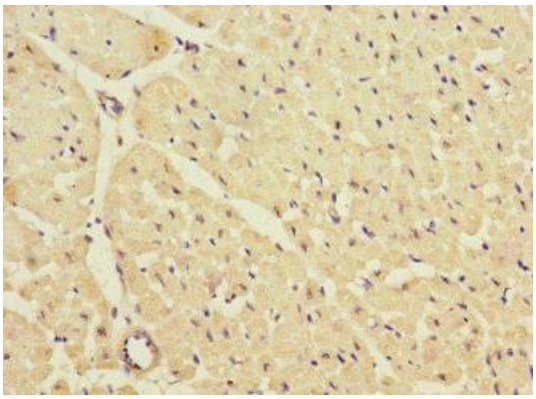
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

 info@assaygenie.com www.assaygenie.com

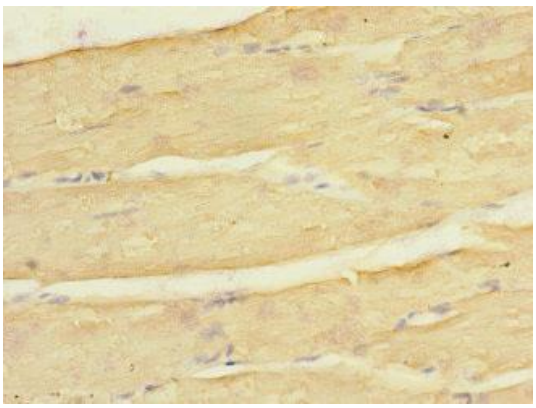
Product Images



Western blot. All lanes: KCNJ4 antibody at 2.04µg/ml. Lane 1: Hela whole cell lysate. Lane 2: 293T whole cell lysate. Lane 3: HepG2 whole cell lysate. Lane 4: Jurkat whole cell lysate. Lane 5: MCF-7 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 50 kDa. Observed band size: 50 kDa.



Immunohistochemistry of paraffin-embedded human heart tissue using PACO45527 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using PACO45527 at dilution of 1:100.