

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200,
IF:1:50-1:200

Protein Background:

This potassium channel 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. 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. This receptor plays a crucial role in regulating the heartbeat.

Gene ID:

KCNJ3

Uniprot

P48549

Synonyms:

G protein-activated inward rectifier potassium channel 1 (GIRK-1) (Inward rectifier K(+) channel Kir3.1) (Potassium channel, inwardly rectifying subfamily J member 3), KCNJ3, GIRK1

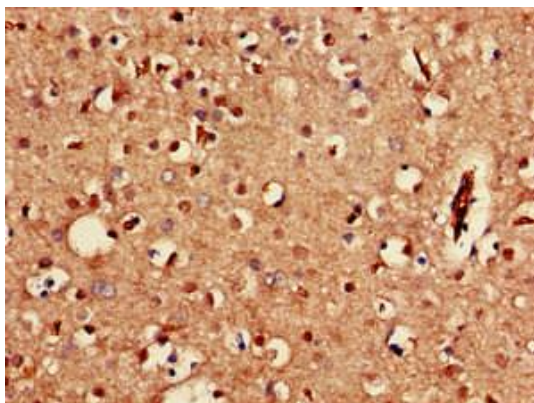
Immunogen:

Recombinant Human G protein-activated inward rectifier potassium channel 1 protein (350-487AA).

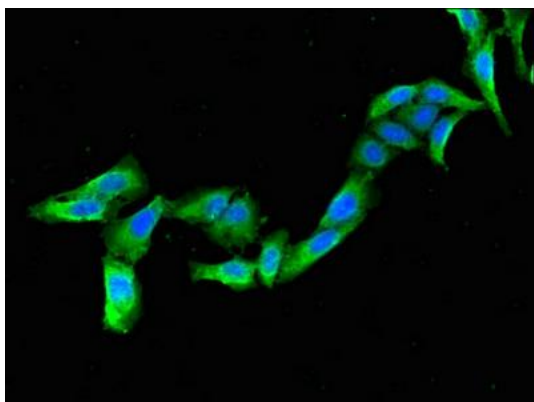
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Immunohistochemistry of paraffin-embedded human brain tissue using PACO49718 at dilution of 1:100.



Immunofluorescent analysis of HeLa cells using PACO49718 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).