

KCNJ1 antibody

Product Information

Catalog No.:	FNab04490
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

In the kidney, probably plays a major role in potassium homeostasis. 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 channel is activated by internal ATP and can be blocked by external barium.

Immunogen information

Immunogen:	potassium inwardly-rectifying channel, subfamily J, member 1
Synonyms:	ATP-sensitive inward rectifier potassium channel 1 ATP-regulated potassium channel ROM-K Inward rectifier K(+) channel Kir1.1 Potassium channel, inwardly rectifying subfamily J member 1 KCNJ1 ROMK1
Observed MW:	75-80 kDa
Uniprot ID :	P48048

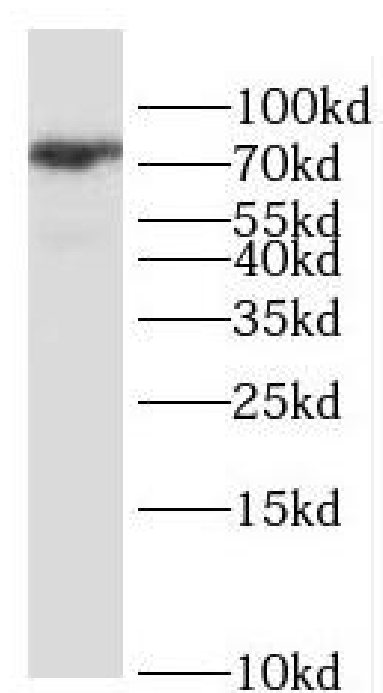
Application

Reactivity:	Human, Mouse, Rat
-------------	-------------------

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab04490(KCNJ1 antibody) at dilution of 1:1000