Anti-IRK8 antibody

Description	Unconjugated Rabbit polyclonal to IRK8

Model	STJ190597
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human IRK8 protein.
Immunogen Region	50-130aa
Gene ID	3764
Gene Symbol	KCNJ8
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	IRK8 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Predominantly detected in fetal and adult heart.
Purification	IRK8 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	ATP-sensitive inward rectifier potassium channel 8 Inward rectifier K + channel Kir6.1 Potassium channel, inwardly rectifying subfamily J member 8 uKATP-1
Molecular Weight	46 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6269OMIM:239850
Alternative Names	ATP-sensitive inward rectifier potassium channel 8 Inward rectifier K + channel Kir6.1 Potassium channel, inwardly rectifying subfamily J member 8 uKATP-1
Function	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. Can be blocked by external barium .
Cellular Localization	Membrane. Multi-pass membrane protein.