Anti-IRK14 antibody

Description	Unconjugated Rabbit polyclonal to IRK14

Model	STJ190595
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human IRK14 protein.
Immunogen Region	350-430aa
Gene ID	3770
Gene Symbol	KCNJ14
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	IRK14 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed preferentially in retina.
Purification	IRK14 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 14 Inward rectifier K + channel Kir2.4 IRK-4 Potassium channel, inwardly rectifying subfamily J member 14
Molecular Weight	47 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:6260OMIM:603953
Alternative Names	ATP-sensitive inward rectifier potassium channel 14 Inward rectifier K + channel Kir2.4 IRK-4 Potassium channel, inwardly rectifying subfamily J member 14
Function	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. KCNJ14 gives rise to low-conductance channels with a low affinity to the channel blockers Barium and Cesium .
Cellular Localization	Membrane. Multi-pass membrane protein.