

## Anti-IRK14 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to IRK14
<b>Model</b>	STJ190595
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human IRK14 protein.
<b>Immunogen Region</b>	350-430aa
<b>Gene ID</b>	<a href="#">3770</a>
<b>Gene Symbol</b>	<a href="#">KCNJ14</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	IRK14 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Expressed preferentially in retina.
<b>Purification</b>	IRK14 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	ATP-sensitive inward rectifier potassium channel 14 Inward rectifier K + channel Kir2.4 IRK-4 Potassium channel, inwardly rectifying subfamily J member 14
<b>Molecular Weight</b>	47 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ncbi.nlm.nih.gov/Protein/62600">HGNC:62600</a> <a href="https://www.ncbi.nlm.nih.gov/Protein/MIM:603953">MIM:603953</a>
<b>Alternative Names</b>	ATP-sensitive inward rectifier potassium channel 14 Inward rectifier K <sup>+</sup> channel Kir2.4 IRK-4 Potassium channel, inwardly rectifying subfamily J member 14
<b>Function</b>	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.
<b>Cellular Localization</b>	Membrane. Multi-pass membrane protein.

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