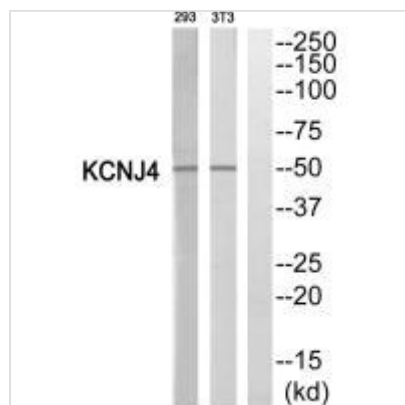




KCNJ4 Antibody

Product Code	CSB-PA971432
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P48050
Immunogen	Synthesized peptide derived from internal of Human KCNJ4.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total KCNJ4 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	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 extracellular barium and cesium By similarity. Perier F., Proc. Natl. Acad. Sci. U.S.A. 91:6240-6244(1994). Tang W., FEBS Lett. 348:239-243(1994). Makhina E.N., J. Biol. Chem. 269:20468-20474(1994).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Hippocampal inward rectifier; HIRK2; HRK1; Inward rectifier K channel Kir2.3; Inward rectifier potassium channel 4
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KCNJ4
Image	



Western blot analysis of extracts from 293 cells and NIH/3T3 cells, using KCNJ4 antibody.