

MaxPab®

KCNJ2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003759-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KCNJ2 protein.
Immunogen	KCNJ2 (NP_000882.1, 1 a.a. ~ 427 a.a) full-length human protein.
Sequence	MGSVRTNRYSVSSEEDGMKLATMAVANGFGNGKSKVHTRQQCRSRFVKKDGHCVNQFINVGE KGQRYLADIFTTCVDIRWRWMLVIFCLAFVLSWVFFGCVFWLIALHGDLDASKEGKACVSEVNS FTAAFLFSIETQTTIGYGFRVCTDECPIAVFMVVFQSVGCIIDAFIIGAVMAKMAKPKKRNETLVFSH NAVIAMRDGKLCMLWRVGNLRKSHLVEAHVRAQLLKSRITSEGEYIPLDQIDINVGFDSGIDRIFLVS PITIVHEIDEDSPLYDLSKQDIDNADFENVILEGMVEATAMTTQCRSSYLANEILWGHRYEPVLFEE KHYYKVDYSRFHKTYEVPNTPLCSARDLAEKKYLSNANSFCYENEVALTSKEEDDSSENGVPEST STDTPPDIDLHNQASVPLEPRPLRRESEI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — KCNJ2

Entrez GeneID	3759
GeneBank Accession#	NM_000891.2
Protein Accession#	NP_000882.1
Gene Name	KCNJ2
Gene Alias	HHBIRK1, HHIRK1, IRK1, KIR2.1, LQT7, SQT3
Gene Description	potassium inwardly-rectifying channel, subfamily J, member 2
Omim ID	170390 600681 609622
Gene Ontology	Hyperlink
Gene Summary	Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, probably participates in establishing action potential waveform and excitability of neuronal and muscle tissues. Mutations in this gene have been associated with Andersen syndrome, which is characterized by periodic paralysis, cardiac arrhythmias, and dysmorphic features. [provided by RefSeq]
Other Designations	cardiac inward rectifier potassium channel inward rectifier K+ channel KIR2.1 inward rectifier potassium channel 2 potassium inwardly-rectifying channel J2

Disease

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