

MaxPab®

KCNK2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003776-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KCNK2 protein.
Immunogen	KCNK2 (NP_055032.1, 1 a.a. ~ 411 a.a) full-length human protein.
Sequence	MAAPDLLDPKSAAQNSKPRLSFSTKPTVLASRVESDTTINVMKWKTVSTIFLVVVLYLIGATVFKA LEQPHEISQRTTMIQKQTFISQHSCVNSTELDELIQQVAAINAGIIPLGNTSNQISHWDLGSSFFFAG TVITTIGFGNISPRTEGGKIFCIYALLGIPLFGFLLAGVGDQLGTIFGKGIKVEDTFIKWNVSQTKIRIIS TIIFILFGCVLFVALPAIIFKHIEGWSALDANFVVITLTTIGFDYVAGGSDIEYLDIFYKPVVWFVILVGL AYFAAVLSMIGDWLRVISKKTKEEVGEFRAHAAEWANVTAEFKETRRRLSVEYDKFQRATSIKR KLSAELAGNHNQELTPCRRTLSVNHLTSEKDVLPPLLKTESYMLNGLTPHCAGEEIAVIENK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
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 — KCNK2

Entrez GeneID	3776
GeneBank Accession#	NM_014217.2
Protein Accession#	NP_055032.1
Gene Name	KCNK2
Gene Alias	K2p2.1, MGC126742, MGC126744, TPKC1, TREK, TREK-1, TREK1, hTREK-1c, hTREK-1e
Gene Description	potassium channel, subfamily K, member 2
Omim ID	603219
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of the members of the two-pore-domain background potassium channel protein family. This type of potassium channel is formed by two homodimers that create a channel that leaks potassium out of the cell to control resting membrane potential. The channel can be opened, however, by certain anesthetics, membrane stretching, intracellular acidosis, and heat. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	K2P2.1 potassium channel OTTHUMP00000035062 OTTHUMP00000035063 TWIK-related potassium channel 1 potassium inwardly-rectifying channel, subfamily K, member 2 tandem-pore-domain potassium channel TREK-1 two-pore potassium channel 1

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