

MaxPab®

KCNAB1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007881-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KCNAB1 protein.
Immunogen	KCNAB1 (NP_751892.1, 1 a.a. ~ 419 a.a) full-length human protein.
Sequence	MLAARTGAAGSQISEENTKLRRQSGFSVAGKDKSPKKASENAKDSSLSPSGESQLRARQLALLR EVE MNWY LKCLDSSEHTTVCTTGMPHRNLGKSGLRV SCLGLGTWVTFGGQSDEVAERLMTIAY ESGVNLFDTAEVYAAGKAEVILGSIKKKGWRRSSLVITTKLYWGGKAETERGLSRKHIEGLKGS LQ RLQLEYVDVVFANRPDSNTPMEEIVRAMTHVINQGMAMYWGTSRWSAMEIMEAYSVARQFNMIP PVCEQAEYHLFQREKVEVQLPELYHKIGVGAMTWSPLACGIISGKYGNVPESSRASLKC YQWLK ERVSEEGRKQQNKLKDLSPIAERLGCTLPQLAVAWCLRNEGVS SVLLGSSTPEQLIENLGAIQVL PKMTSHVVNEIDNLRNKPYSKKDYRS
Host	Mouse
Reactivity	Human
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 — KCNAB1

Entrez GeneID

[7881](#)

GeneBank Accession#	NM_172160.1
Protein Accession#	NP_751892.1
Gene Name	KCNAB1
Gene Alias	AKR6A3, KCNA1B, KV-BETA-1, Kvb1.3, hKvBeta3, hKvb3
Gene Description	potassium voltage-gated channel, shaker-related subfamily, beta member 1
Omim ID	601141
Gene Ontology	Hyperlink
Gene Summary	<p>Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member includes three distinct isoforms which are encoded by three alternatively spliced transcript variants of this gene. These three isoforms are beta subunits, which form heteromultimeric complex with alpha subunits and modulate the activity of the pore-forming alpha subunits. [provided by RefSeq]</p>
Other Designations	potassium channel beta 3 chain potassium channel beta3 subunit potassium channel shaker chain beta 1a potassium voltage-gated channel beta subunit voltage-gated potassium channel beta-1 subunit

Disease

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