

MaxPab®

KCNAB3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009196-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KCNAB3 protein.
Immunogen	KCNAB3 (NP_004723.2, 1 a.a. ~ 404 a.a) full-length human protein.
Sequence	MQVSIACTEQNLRSSSEDRLCGPRPGPGGGNGGPAGGGHGNPPGGGGSGPKARAALVPRPP APAGALRESTGRGTGMKYRNLGKSGLRVSLGLGTWTFGSQISDETAEDVLTVAIEHGVNLF TAEVYAAGKAERTLGNILKSKGWRRSSYVITTKIFWGGQAETERGLSRKHIEGLRGSRLRLQLGYV DIVFANRSDPNCPMEEIVRAMTYVINQGLALYWGTSRWGAAEIMEAYSMARQFNLIIPPVCEQAEH HLFQREKIVEMQLPELYHKIGVGSVTWYPLACGLITSKYDGRVPDTCRASIKGYQWLKDKVQSEDG KKQQAQKVMDDLPAHQLGCTVAQLAIWCLRSEGVSSVLLGVSSAEQLIEHLGALQVLSQLTPQT VMEIDGLLGKPHSKK
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 — KCNAB3

Entrez GeneID

[9196](#)

GeneBank Accession#	NM_004732.2
Protein Accession#	NP_004723.2
Gene Name	KCNAB3
Gene Alias	AKR6A9, KCNA3.1B, KCNA3B, KV-BETA-3, MGC116886
Gene Description	potassium voltage-gated channel, shaker-related subfamily, beta member 3
Omim ID	604111
Gene Ontology	Hyperlink
Gene Summary	<p>Voltage-gated potassium (Kv) 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 is one of the beta subunits, which are auxiliary proteins associating with functional Kv-alpha subunits. This member and the KCNA5 gene product assemble into a heteromultimeric A-type channel that inactivates completely and is significantly faster than other A-type Kv channels. [provided by RefSeq]</p>
Other Designations	K+ channel beta-3 subunit potassium channel, voltage-dependent, beta-3 subunit