

MaxPab®

KCNE4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023704-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KCNE4 protein.
Immunogen	KCNE4 (NP_542402.1, 1 a.a. ~ 170 a.a) full-length human protein.
Sequence	MLKMEPLNSTHPGTAASSSPLESRAAGGGSGNGNEYFYILVVMSFYGIFLIGIMLGYMKSKRREKK SSLLLLLYKDEERLWGEAMKPLPVVSGLRVQVPLMLNMLQESVAPALCTLCSMEGDSVSSSES SSPDVHLTIQEEGADEEELEETSETPLNESSEGSSENIHQNS
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 — KCNE4

Entrez GeneID	23704
GeneBank Accession#	NM_080671.1
Protein Accession#	NP_542402.1

Gene Name	KCNE4
Gene Alias	MGC20353, MIRP3
Gene Description	potassium voltage-gated channel, Isk-related family, member 4
Omim ID	607775
Gene Ontology	Hyperlink
Gene Summary	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. This gene encodes a member of the potassium channel, voltage-gated, Isk-related subfamily. This member is a type I membrane protein, and a beta subunit that assembles with a potassium channel alpha-subunit to modulate the gating kinetics and enhance stability of the multimeric complex. This gene is prominently expressed in the embryo and in adult uterus. [provided by RefSeq]
Other Designations	MINK-related peptide 3 cardiac voltage-gated potassium channel accessory subunit 4 minimum potassium ion channel-related peptide 3 potassium voltage-gated channel subfamily E member 4

Disease

- [Atrial Fibrillation](#)