MaxPab®

KCNH8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00131096-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KCNH8 protein.
Immunogen	KCNH8 (AAI52894.1, 1 a.a. ~ 1107 a.a) full-length human protein.
Sequence	MPVMKGLLAPQNTFLDTIATRFDGTHSNFILANAQVAKGFPIVYCSDGFCELAGFARTEVMQKSC SCKFLFGVETNEQLMLQIEKSLEEKTEFKGEIMFYKKNGSPFWCLLDIVPIKNEKGDVVLFLASFK DITDTKVKITPEDKKEDKVKGRSRAGTHFDSARRRSRAVLYHISGHLQRREKNKLKINNNVFVDKP AFPEYKVSDAKKSKFILLHFSTFKAGWDWLILLATFYVAVTVPYNVCFIGNDDLSTTRSTTVSDIAV EILFIIDIILNFRTTYVSKSGQVIFEARSICIHYVTTWFIIDLIAALPFDLLYAFNVTVVSLVHLLKTVRLLRL LRLLQKLDRYSQHSTIVLTLLMSMFALLAHWMACIWYVIGKMEREDNSLLKWEVGWLHELGKRLE SPYYGNNTLGGPSIRSAYIAALYFTLSSLTSVGFGNVSANTDAEKIFSICTMLIGALMHALVFGNVTAII QRMYSRWSLYHTRTKDLKDFIRVHHLPQQLKQRMLEYFQTTWSVNNGIDSNELLKDFPDELRSDIT MHLNKEILQLSLFECASRGCLRSLSLHIKTSFCAPGEYLLRQGDALQAIYFVCSGSMEVLKDSMVL AILGKGDLIGANLSIKDQVIKTNADVKALTYCDLQCIILKGLFEVLDLYPEYAHKFVEDIQHDLTYNLRE GHESDVISRLSNKSMVSQSEPKGNGNINKRLPSIVEDEEEEEEGEEEEAVSLSPICTRGSSSRNK KVGSNKAYLGLSLKQLASGTVPFHSPIRVSRSNSPKTKQEIDPPNHNKRKEKNLKLQLSTLNNAG PPDLSPRIVDGIEDGNSSEESQTFDFGSERIRSEPRISPPLGDPEIGAAVLFIKAEETKQQINKLNSE VTTLTQEVSQLGKDMRNVIQLLENVLSPQQPSRFCSLHSTSVCPSRESLQTRTSWSAHQPCLHL QTGGAAYTQAQLCSSNITSDIWSVDPSSVGSSPQRTGAHEQNPADSELYHSPSLDYSPSHYQVV QEGHLQFLRCISPHSDSTLTPLQSISATLSSSVCSSSETSLHLVLPSRSEEGSFSQGTVSSFSLEN LPGSWNQEGMASASTKPLENLPLEVVTSTAEVKDNKAINV
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 — KCNH8

Entrez GeneID	131096
GeneBank Accession#	BC152893.1
Protein Accession#	AAI52894.1
Gene Name	KCNH8
Gene Alias	ELK, ELK1, Kv12.1, elk3
Gene Description	potassium voltage-gated channel, subfamily H (eag-related), member 8
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, subfamily H. This member is a pore-forming (alpha) subunit. [provided by RefSeq
Other Designations	ether-a-go-go-like potassium channel 1|ether-a-go-go-like potassium channel 3|potassium voltage-gated channel, subfamily H, member 8

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema