MaxPab®

KCNQ3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003786-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KCNQ3 protein.
Immunogen	KCNQ3 (AAI52756.1, 1 a.a. ~ 872 a.a) full-length human protein.
Sequence	MGLKARRAAGAAGGGGDGGGGGGGAANPAGGDAAAAGDEERKVGLAPGDVEQVTLALGAGA DKDGTLLLEGGGRDEGQRRTPQGIGLLAKTPLSRPVKRNNAKYRRIQTLIYDALERPRGWALLYHA LVFLIVLGCLILAVLTTFKEYETVSGDWLLLLETFAIFIFGAEFALRIWAAGCCCRYKGWRGRLKFAR KPLCMLDIFVLIASVPVVAVGNQGNVLATSLRSLRFLQILRMLRMDRRGGTWKLLGSAICAHSKELI TAWYIGFLTLILSSFLVYLVEKDVPEVDAQGEEMKEEFETYADALWWGLITLATIGYGDKTPKTWE GRLIAATFSLIGVSFFALPAGILGSGLALKVQEQHRQKHFEKRRKPAAELIQAAWRYYATNPNRIDL VATWRFYESVVSFPFFRKEQLEAASSQKLGLLDRVRLSNPRGSNTKGKLFTPLNVDAIEESPSKE PKPVGLNNKERFRTAFRMKAYAFWQSSEDAGTGDPMAEDRGYGNDFPIEDMIPTLKAAIRAVRIL QFRLYKKKFKETLRPYDVKDVIEQYSAGHLDMLSRIKYLQTRIDMIFTPGPPSTPKHKKSQKGSAFT FPSQQSPRNEPYVARPSTSEIEDQSMMGKFVKVERQVQDMGKKLDFLVDMHMQHMERLQVQV TEYYPTKGTSSPAEAEKKEDNRYSDLKTIICNYSETGPPEPPYSFHQVTIDKVSPYGFFAHDPVNLP RGGPSSGKVQATPPSSATTYVERPTVLPILTLLDSRVSCHSQADLQGPYSDRISPRQRRSITRDSD TPLSLMSVNHEELERSPSGFSISQDRDDYVFGPNGGSSWMREKRYLAEGETDTDTDPFTPSGS MPLSSTGDGISDSVWTPSNKPI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (95)
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

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- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — KCNQ3

Entrez GeneID	3786
GeneBank Accession#	BC152755.1
Protein Accession#	AAI52756.1
Gene Name	KCNQ3
Gene Alias	BFNC2, EBN2, KV7.3
Gene Description	potassium voltage-gated channel, KQT-like subfamily, member 3
Omim ID	121201 602232
Gene Ontology	Hyperlink
Gene Summary	The M channel is a slowly activating and deactivating potassium channel that plays a critical role in the regulation of neuronal excitability. The M channel is formed by the association of the protein encoded by this gene and one of two related proteins encoded by the KCNQ2 and KCNQ5 genes, both integral membrane proteins. M channel currents are inhibited by M1 muscarinic acetylcholine receptors and activated by retigabine, a novel anti-convulsant drug. Defects in this gene are a cause of benign familial neonatal convulsions type 2 (BFNC2), also known as epilepsy, benign neonatal type 2 (EBN2). [provided by RefSeq
Other Designations	potassium channel, voltage-gated, subfamily Q, member 3|potassium voltage-gated channel KQT-like protein 3

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Migraine without Aura
- Tobacco Use Disorder

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