

DNAxPAb

Hard-to-Find
Antibody

KCNA1 DNAxPab

Catalog # H00003736-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human KCNA1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — KCNA1

Entrez GeneID	3736
GeneBank Accession#	NM_000217.2
Protein Accession#	NP_000208.2
Gene Name	KCNA1
Gene Alias	AEMK, EA1, HBK1, HUK1, KV1.1, MBK1, MGC126782, MGC138385, MK1, RBK1
Gene Description	potassium voltage-gated channel, shaker-related subfamily, member 1 (episodic ataxia with myokymia)
Omim ID	160120 176260
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a voltage-gated delayed potassium channel that is phylogenetically related to the Drosophila Shaker channel. The encoded protein has six putative transmembrane segments (S1-S6), and the loop between S5 and S6 forms the pore and contains the conserved selectivity filter motif (GYGD). The functional channel is a homotetramer. The N-terminus of the channel is associated with beta subunits that can modify the inactivation properties of the channel as well as affect expression levels. The C-terminus of the channel is complexed to a PDZ domain protein that is responsible for channel targeting. Mutations in this gene have been associated with myokymia with periodic ataxia (AEMK). [provided by RefSeq]</p>
Other Designations	potassium voltage-gated channel subfamily A member 1 voltage-gated potassium channel subunit Kv1.1

Disease

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