

DNAxPAb

Hard-to-Find
Antibody

KCNAB1 DNAxPab

Catalog # H00007881-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human KCNAB1 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 — KCNAB1

Entrez GeneID	7881
GeneBank Accession#	NM_172160.1
Protein Accession#	NP_751892.1
Gene Name	KCNAB1
Gene Alias	AKR6A3, KCNA1B, KV-BETA-1, Kvb1.3, hKvBeta3, hKvb3
Gene Description	potassium voltage-gated channel, shaker-related subfamily, beta member 1
Omim ID	601141
Gene Ontology	Hyperlink
Gene Summary	<p>Potassium 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 includes three distinct isoforms which are encoded by three alternatively spliced transcript variants of this gene. These three isoforms are beta subunits, which form heteromultimeric complex with alpha subunits and modulate the activity of the pore-forming alpha subunits. [provided by RefSeq]</p>
Other Designations	potassium channel beta 3 chain potassium channel beta3 subunit potassium channel shaker chain beta 1a potassium voltage-gated channel beta subunit voltage-gated potassium channel beta-1 subunit

Disease

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