

DNAxPAb

Hard-to-Find
Antibody

KCNB1 DNAxPab

Catalog # H00003745-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human KCNB1 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 — KCNB1

Entrez GeneID	3745
GeneBank Accession#	NM_004975.2
Protein Accession#	NP_004966.1
Gene Name	KCNB1
Gene Alias	DRK1, KV2.1, h-DRK1
Gene Description	potassium voltage-gated channel, Shab-related subfamily, member 1
Omim ID	600397
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. 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, shab-related subfamily. This member is a delayed rectifier potassium channel and its activity is modulated by some other family members. [provided by RefSeq]
Other Designations	OTTHUMP00000031697 delayed rectifier potassium channel Kv2.1 h-DRK1 K(+) channel potassium channel protein DRK1 potassium voltage-gated channel subfamily B member 1 voltage-gated potassium channel

Pathway

- [Taste transduction](#)

Disease

- [Hypertension](#)
- [Hypertrophy](#)
- [Tobacco Use Disorder](#)