

DNAxPAb

Hard-to-Find  
Antibody

## KCND3 DNAxPab

Catalog # H00003752-W01P

Size 200 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human KCND3 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
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 — KCND3

Entrez GeneID	<a href="#">3752</a>
GeneBank Accession#	<a href="#">HQ258336.1</a>
Protein Accession#	<a href="#">ADR83090.1</a>
Gene Name	KCND3
Gene Alias	KCND3L, KCND3S, KSHVB, KV4.3, MGC142035, MGC142037
Gene Description	potassium voltage-gated channel, Shal-related subfamily, member 3
Omim ID	<a href="#">605411</a>
Gene Ontology	<a href="#">Hyperlink</a>
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, shal-related subfamily, members of which form voltage-activated A-type potassium ion channels and are prominent in the repolarization phase of the action potential. This member includes two isoforms with different sizes, which are encoded by alternatively spliced transcript variants of this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000013771 OTTHUMP00000013772 OTTHUMP00000063948 potassium ionic channel Kv4.3 sha1-related potassium channel Kv4.3 voltage-gated K <sup>+</sup> channel voltage-gated potassium channel Kv4.3

## Disease

- [Long QT syndrome](#)
- [Tobacco Use Disorder](#)