

DNAxPAb

Hard-to-Find
Antibody

KCNH2 DNAxPab

Catalog # H00003757-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human KCNH2 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 — KCNH2

Entrez GeneID	3757
GeneBank Accession#	BC167862.1
Protein Accession#	AAI67862.1
Gene Name	KCNH2
Gene Alias	ERG1, HERG, HERG1, Kv11.1, LQT2, SQT1
Gene Description	potassium voltage-gated channel, subfamily H (eag-related), member 2
Omim ID	152427 609620
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a voltage-activated potassium channel belonging to the eag family. It shares sequence similarity with the Drosophila ether-a-go-go (eag) gene. Mutations in this gene can cause long QT syndrome type 2 (LQT2). Transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]
Other Designations	cause of Long QT Syndrome Type 2 ether-a-go-go-related potassium channel protein human eag-related potassium channel HERG potassium channel HERG1 potassium voltage-gated channel, subfamily H, member 2 voltage-gated potassium channel voltage-gated potassium

Disease

- [Arrhythmia](#)
- [Arrhythmias](#)
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- [Atrial Fibrillation](#)
- [Atrioventricular Block](#)
- [Bradycardia](#)
- [Brugada Syndrome](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Channelopathies](#)
- [Chromosome Deletion](#)

- [Cognition](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drowning](#)
- [Edema](#)
- [Gastrointestinal Diseases](#)
- [Gastroparesis](#)
- [Genetic Predisposition to Disease](#)
- [Heart Arrest](#)
- [Heart Block](#)
- [Heart Defects](#)
- [Hypertension](#)
- [Long QT syndrome](#)
- [Romano-Ward Syndrome](#)
- [Schizophrenia](#)
- [Sleep](#)
- [Sudden Infant Death](#)
- [Syncope](#)
- [Syndrome](#)
- [Tachycardia](#)
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