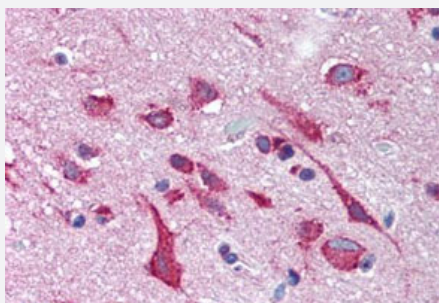


KCNH2 polyclonal antibody

Catalog # PAB27752

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain, cortex with KCNH2 polyclonal antibody (Cat # PAB27752). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KCNH2.
Immunogen	A synthetic peptide corresponding to 16 amino acid at internal region of human KCNH2.
Host	Rabbit
Reactivity	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — KCNH2

Entrez GeneID [3757](#)

Protein Accession# [Q12809](#)

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

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- [Arrhythmias](#)
- [Asymptomatic Diseases](#)
- [Atrial Fibrillation](#)

- [Atrioventricular Block](#)
- [Bradycardia](#)
- [Brugada Syndrome](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Channelopathies](#)
- [Chromosome Deletion](#)
- [Cognition](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drowning](#)
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- [Heart Arrest](#)
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- [Heart Defects](#)
- [Hypertension](#)
- [Long QT syndrome](#)
- [Romano-Ward Syndrome](#)
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- [Syncope](#)
- [Syndrome](#)
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