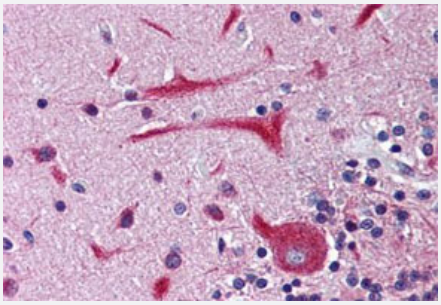
KCNH2 polyclonal antibody

Catalog # PAB27751 Size 50 ug

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain, cerebellum with KCNH2 polyclonal antibody (Cat # PAB27751). 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 17 amino acid at internal region of human KCNH2.
Host	Rabbit
Reactivity	Human, Monkey, Mouse, 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) (10 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 shoul d 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 s equence similarity with the Drosophila ether-a-go-go (eag) gene. Mutations in this gene can caus e long QT syndrome type 2 (LQT2). Transcript variants encoding distinct isoforms have been iden tified. [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, s ubfamily H, member 2|voltage-gated potassium channel|voltage-gated potassiu

Disease

- Arrhythmia
- Arrhythmias
- Asymptomatic Diseases
- 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
- Torsades de Pointes