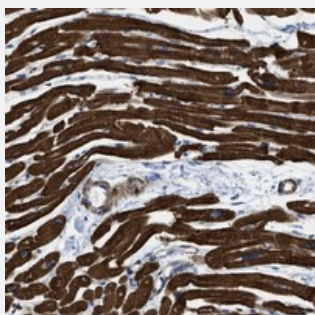


KCNH7 polyclonal antibody

Catalog # PAB21006 Size 100 uL

Applications



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

Immunohistochemical staining of human heart muscle with KCNH7 polyclonal antibody (Cat # PAB21006) shows strong cytoplasmic positivity in myocytes at 1:1000-1:2500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant KCNH7.
Immunogen	Recombinant protein corresponding to amino acids of human KCNH7.
Sequence	DNCKLRRRKLSFESEGEKENSTNDPEDSADTIRHYQSSKRHFEEKSRSSSFISIDDEQKPLFS GVDSSPGIGKASGLDFEETVPTSGRMHIDKRSHSCKDITDMRSWERENAHQPEDSSPSALQR AA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:1000-1:2500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°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 — KCNH7

Entrez GeneID[90134](#)**Protein Accession#**[Q9NS40](#)**Gene Name**

KCNH7

Gene Alias

ERG3, HERG3, Kv11.3, MGC45986

Gene Description

potassium voltage-gated channel, subfamily H (eag-related), member 7

Omim ID[608169](#)**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. This gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit. There are at least two alternatively spliced transcript variants derived from this gene and encoding distinct isoforms. [provided by RefSeq]

Other Designations

eag related protein 3|ether-a-go-go related gene potassium channel 3|potassium channel subunit HERG-3|potassium voltage-gated channel, subfamily H, member 7

Disease

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