

Rabbit anti-Human KCNH2 Polyclonal Antibody | anti-KCNH2 antibody

KCNH2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233998	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

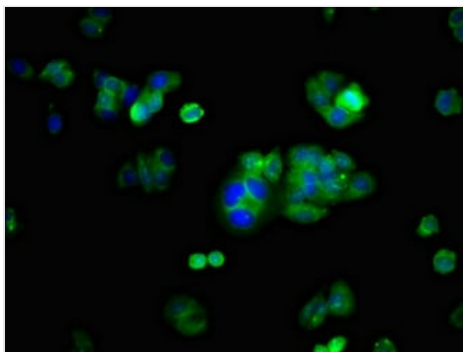
PRODUCT SYNONYMS

KCNH2; Polyclonal Antibody; KCNH2 Antibody; Potassium voltage-gated channel subfamily H member 2; Eag homolog; Ether-a-go-go-related gene potassium channel 1; ERG-1; Eag-related protein 1; Ether-a-go-go-related protein 1; H-ERG; hERG-1; hERG1; Voltage-gated potassium channel subunit Kv11.1; ERG; ERG1; HERG; anti-KCNH2 antibody

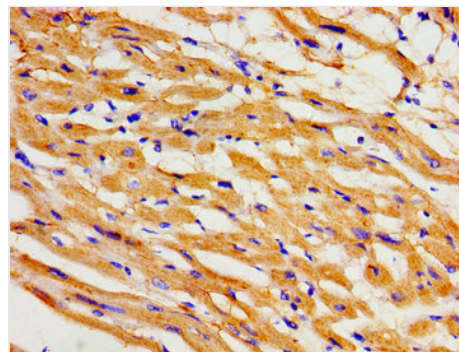
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1159
Applicable Applications for anti-KCNH2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Potassium voltage-gated channel subfamily H member 2 protein (894-1137AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233998 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA233998 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KCNH2 antibody	Pore-forming (alpha) subunit of voltage-gated inwardly rectifying potassium channel. Channel properties are modulated by cAMP and subunit assembly. Mediates the rapidly activating component of the delayed rectifying potassium current in heart (IKr) (PubMed:18559421, PubMed:26363003, PubMed:27916661).
Product Categories/Family for anti-KCNH2 antibody	Neuroscience; Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557729
NCBI GeneID	3757
NCBI Accession #	NP_000229.1
NCBI GenBank Nucleotide #	NM_000238.3
UniProt Accession #	Q12809; O75418; O75680; Q708S9; Q9BT72; Q9BUT7; Q9H3P0; A5H1P7; C4PFH9; D3DX04
Molecular Weight	115,636 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily H member 2 isoform a
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily H member 2
NCBI Official Symbol	KCNH2
NCBI Official Synonym Symbols	ERG1; HERG; LQT2; SQT1; ERG-1; H-ERG; HERG1; Kv11.1
NCBI Protein Information	potassium voltage-gated channel subfamily H member 2
UniProt Protein Name	Potassium voltage-gated channel subfamily H member 2
UniProt Gene Name	KCNH2
UniProt Synonym Gene Names	ERG; ERG1; HERG; ERG-1; Eag-related protein 1; Ether-a-go-go-related protein 1; H-ERG; hERG-1; hERG1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.