

Datasheet for ABIN7163993
anti-KCNH2 antibody (AA 894-1137)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	KCNH2
Binding Specificity:	AA 894-1137
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNH2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Potassium voltage-gated channel subfamily H member 2 protein (894-1137AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KCNH2
Alternative Name:	KCNH2 (KCNH2 Products)
Background:	Background: Pore-forming (alpha) subunit of voltage-gated inwardly rectifying potassium

Target Details

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).

Aliases: eag homolog antibody, Eag-related protein 1 antibody, ERG antibody, ERG-1 antibody, ERG1 antibody, Ether a go go related potassium channel protein antibody, Ether-a-go-go-related gene potassium channel 1 antibody, Ether-a-go-go-related protein 1 antibody, H ERG antibody, H-ERG antibody, HERG 1 antibody, HERG antibody, hERG-1 antibody, hERG1 antibody, KCNH2 antibody, KCNH2_HUMAN antibody, Kv11.1 antibody, LQT 2 antibody, LQT2 antibody, Potassium channel HERG antibody, Potassium voltage gated channel subfamily H (eag related) member 2 antibody, Potassium voltage-gated channel subfamily H member 2 antibody, SQT1 antibody, Voltage gated potassium channel, subfamily H, member 2 antibody, Voltage-gated potassium channel subunit Kv11.1 antibody

UniProt: [Q12809](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

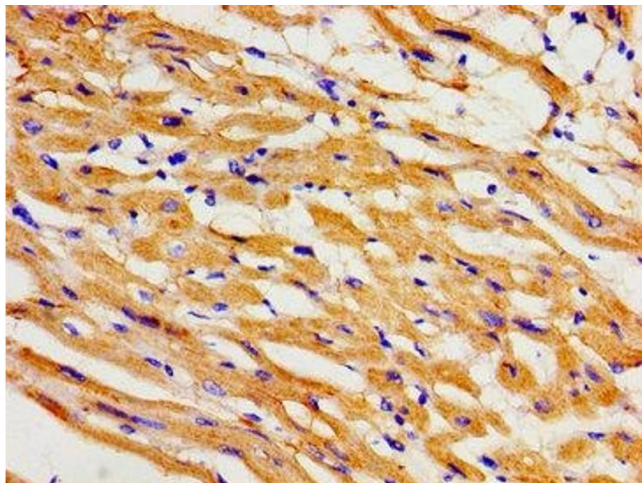
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

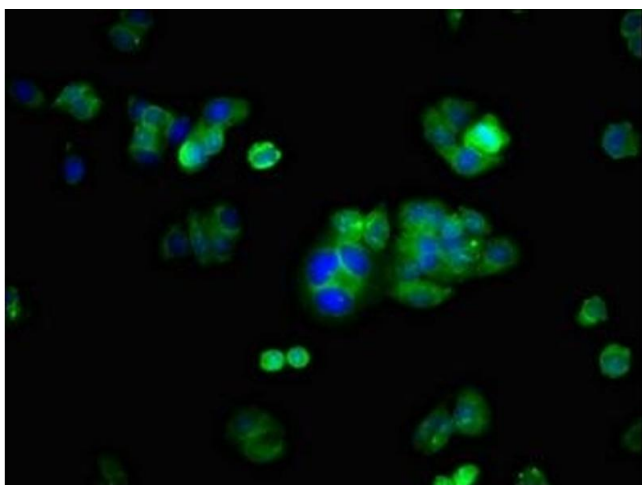
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7163993 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7163993 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)