

Datasheet for ABIN7163991  
**anti-KCNH1 antibody (AA 840-989)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	KCNH1
Binding Specificity:	AA 840-989
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNH1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Potassium voltage-gated channel subfamily H member 1 protein (840-989AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	KCNH1
Alternative Name:	KCNH1 ( <a href="#">KCNH1 Products</a> )
Background:	Background: Pore-forming (alpha) subunit of a voltage-gated delayed rectifier potassium

## Target Details

channel (PubMed:22732247). Channel properties may be modulated by subunit assembly, but not by cyclic nucleotides (By similarity). Mediates IK(NI) current in myoblasts (PubMed:9738473). Involved in the regulation of cell proliferation and differentiation, in particular adipogenic and osteogenic differentiation in bone marrow-derived mesenchymal stem cells (MSCs) (PubMed:23881642).

Aliases: EAG antibody, EAG channel 1 antibody, EAG1 antibody, Ether a go go potassium channel 1 antibody, Ether a go go, Drosophila, homolog of antibody, Ether-a-go-go potassium channel 1 antibody, ether-a-go-go, Drosophila, homolog of antibody, h eag antibody, h-eag antibody, hEAG1 antibody, Kcnh1 antibody, KCNH1\_HUMAN antibody, Kv10.1 antibody, M eag antibody, MGC124419 antibody, MGC124420 antibody, MGC142269 antibody, Potassium voltage gated channel subfamily H (eag related), member 1 antibody, Potassium voltage gated channel subfamily H member 1 antibody, Potassium voltage-gated channel subfamily H member 1 antibody, Voltage gated potassium channel subunit Kv10.1 antibody, Voltage-gated potassium channel subunit Kv10.1 antibody

UniProt: [O95259](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

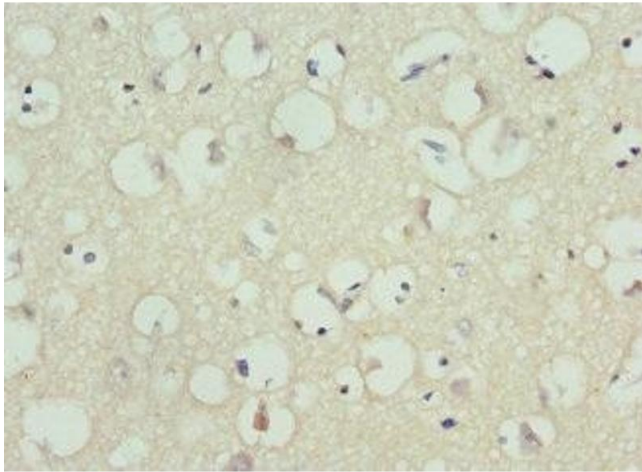
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: 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 brain tissue using ABIN7163991 at dilution of 1:100