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# Product Information

## Recombinant Anti-Human kcnh1 Antibody

Cat. No.: **MOM-18345**
This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Mouse Antibody binds selectively to Human KCNH1, expressed in Chinese Hamster Ovary cells(CHO)

### Antigen Description

Pore-forming (alpha) subunit of voltaggede-gated non-inactivating delayed rectifier potassium channel. Channel properties may be modulated by cAMP and subunit assembly. Mediates IK(NI) current in myoblasts.

### Specific Activity

Tested positive against native antigen.

### Target

KCNH1

### Source

Mouse

### Species Reactivity

Human

### Type

IgG

### Expression Host

CHO

### Purity

>95.0% as determined by analysis by SDS-PAGE.

### Applications

Suitable for use in IF, IP, Neut and most other immunological methods.

### Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

## ANTIGEN GENE INFOMATION

### Gene Name

KCNH1 potassium voltaggede-gated channel, subfamily H (eag-related), member 1 [ Homo sapiens ]

### Official Symbol

KCNH1

**Synonyms**

KCNH1; potassium voltaggede-gated channel, subfamily H (eag-related), member 1; potassium voltaggede-gated channel subfamily H member 1; eag; eag1; h eag; Kv10.1; hEAG1; EAG channel 1; ether-a-go-go potassium channel 1; ether-a-go-go, Drosophila, homolog of; voltaggede-gated potassium channel subunit Kv10.1; EAG; EAG1; h-eag; MGC142269

**Gene ID**

3756

**mRNA Refseq**

NM_002238

**Protein Refseq**

NP_002229

**MIM**

603305

**UniProt ID**

O95259

**Chromosome Location**

1q32.2

**Pathway**

Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem; Voltaggede gated Potassium channels, organism-specific biosystem;

**Function**

calmodulin binding; delayed rectifier potassium channel activity; protein binding; two-component sensor activity; voltaggede-gated ion channel activity;

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