

# KCNH7 Rabbit pAb

Catalog No.: A15923

## Basic Information

### Observed MW

135kDa

### Calculated MW

135kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse

## Background

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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

90134

### Swiss Prot

Q9NS40

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-350 of human KCNH7 (NP\_775185.1).

### Synonyms

ERG3; HERG3; Kv11.3; KCNH7

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

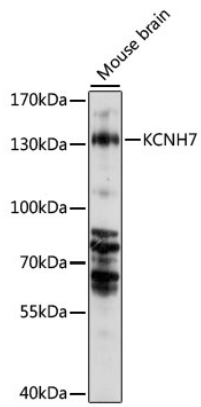
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from mouse brain, using KCNH7 Rabbit pAb (A15923) at 1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.