

# KCNH7 Polyclonal Antibody

Catalog Number: E-AB-53444



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

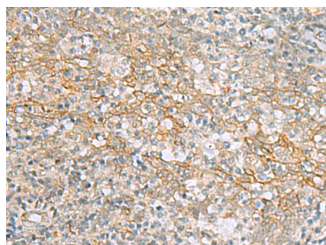
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Synthetic peptide of human KCNH7
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

## Applications Recommended Dilution

<b>IHC</b>	1:50-1:200
<b>ELISA</b>	1:5000-1:10000

## Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using KCNH7 Polyclonal Antibody at dilution of 1:60 (×200)

## Preparation & Storage

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

## Background

KCNH7 (Potassium Voltage-Gated Channel Subfamily H Member 7) is a Protein Coding gene. Among its related pathways are Circadian rhythm related genes and Potassium Channels. GO annotations related to this gene include signal transducer activity and voltage-gated potassium channel activity. An important paralog of this gene is KCNH2. 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.

## For Research Use Only

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