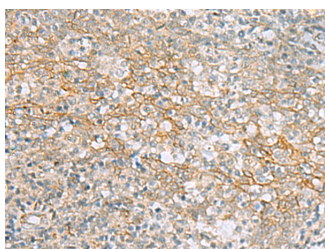


KCNH7 Polyclonal Antibody

Catalog No.	E-AB-53444	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

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

Images



Immunohistochemistry of paraffin-embedded Human tonsil tissue using KCN7 Polyclonal Antibody at dilution of 1:60(×200)

Immunogen Information

Immunogen	Synthetic peptide of human KCN7
Gene Accession	NP150375
Swissprot	Q9NS40
Synonyms	ERG3,HERG3,Kv11.3

Product Information

Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:50-1:200, ELISA 1:5000-1:10000

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 KCN2. 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.