

## KCNH3 rabbit pAb

Cat No.: ES5342

For research use only

## Overview

Product Name KCNH3 rabbit pAb

Host species Rabbit
Applications WB;IHC

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300

Immunogen Synthesized peptide derived from KCNH3 . at AA

range: 470-550

**Specificity** KCNH3 Polyclonal Antibody detects endogenous

levels of KCNH3 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

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

Protein Name Potassium voltage-gated channel subfamily H

member 3

Gene Name KCNH3

Cellular localizationMembrane; Multi-pass membrane protein.PurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 120kD
Human Gene ID 23416
Human Swiss-Prot Number Q9ULD8

Alternative Names KCNH3; KIAA1282; Potassium voltage-gated channel

subfamily H member 3; Brain-specific eag-like channel 1; BEC1; Ether-a-go-go-like potassium channel 2; ELK channel 2; ELK2; Voltage-gated

potassium channel subunit Kv12.2

**Background** The protein encoded by this gene is a voltage-gated

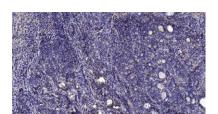
potassium channel alpha subunit predominantly expressed in the forebrain. Studies in mice have found that cognitive function increases when this



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gene is knocked out. In humans, the encoded protein has been shown to be capable of binding glycoprotein 120 of the human immunodeficiency virus type 1 (HIV-1) envelope. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015],



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Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

