

Datasheet for ABIN7191180

**anti-KCNH3 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	KCNH3 (Kcnh3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNH3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide of Human KCNH3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

## Target Details

Target:	KCNH3 (Kcnh3)
Alternative Name:	KCNH3 ( <a href="#">Kcnh3 Products</a> )
Background:	Background: Potassium voltage-gated channel subfamily H member 3 is a protein that in humans is encoded by the KCNH3 gene. The protein encoded by this gene is a voltage-gated potassium channel subunit. Pore-forming (alpha) subunit of voltage-gated potassium channel. Elicits an outward current with fast inactivation. Channel properties may be modulated by

## Target Details

cAMP and subunit assembly. The potassium channel is probably composed of a homo- or heterotetrameric complex of pore-forming alpha subunits that can associate with modulating beta subunits. Detected only in brain, in particular in the telencephalon. Detected in the cerebral cortex, occipital pole, frontal and temporal lobe, putamen, amygdala, hippocampus and caudate nucleus.

Aliases: KCNH3 antibody, KIAA1282Potassium voltage-gated channel subfamily H member 3 antibody, Brain-specific eag-like channel 1 antibody, BEC1 antibody, Ether-a-go-go-like potassium channel 2 antibody, ELK channel 2 antibody, ELK2 antibody, Voltage-gated potassium channel subunit Kv12.2 antibody

UniProt: [Q9ULD8](#)

## Application Details

Application Notes: ELISA:1:1000-1:2000, IHC:1:10-1:50,

Restrictions: For Research Use only

## Handling

Format: Liquid

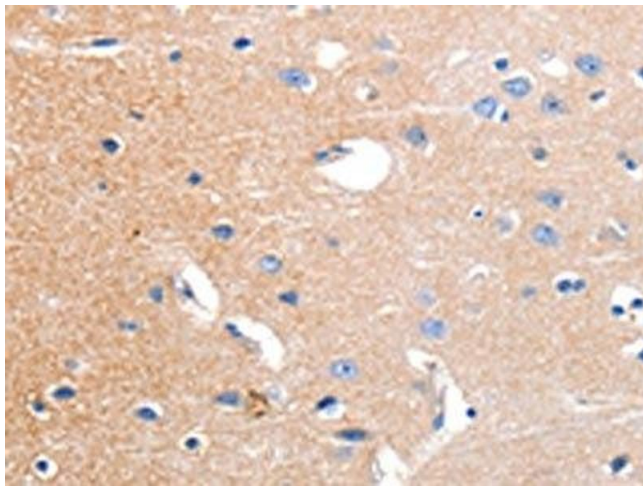
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ABIN7191180(KCNH3 Antibody) at dilution 1/12, on the right is treated with synthetic peptide. (Original magnification: x200)