

Datasheet for ABIN7163965  
**anti-KCNC1 antibody (AA 1-190)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	KCNC1
Binding Specificity:	AA 1-190
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNC1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Potassium voltage-gated channel subfamily C member 1 protein (1-190AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	KCNC1
Alternative Name:	KCNC1 ( <a href="#">KCNC1 Products</a> )
Background:	Background: Mediates the voltage-dependent potassium ion permeability of excitable

## Target Details

membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. Can form functional homotetrameric channels and heterotetrameric channels that contain variable proportions of KCNC2, and possibly other family members as well. Contributes to fire sustained trains of very brief action potentials at high frequency in pallidal neurons.

Aliases: C230009H10Rik antibody, FLJ41162 antibody, FLJ42249 antibody, FLJ43491 antibody, Kcnc1 antibody, KCNC1\_HUMAN antibody, Kcr2 1 antibody, KShIIIB antibody, Kv3.1 antibody, Kv4 antibody, MGC129855 antibody, NGK2 antibody, Potassium voltage-gated channel subfamily C member 1 antibody, Shaw antibody, Voltage gated potassium channel antibody, Voltage gated potassium channel subunit Kv3.1 antibody, Voltage-gated potassium channel subunit Kv3.1 antibody, Voltage-gated potassium channel subunit Kv4 antibody

UniProt: [P48547](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

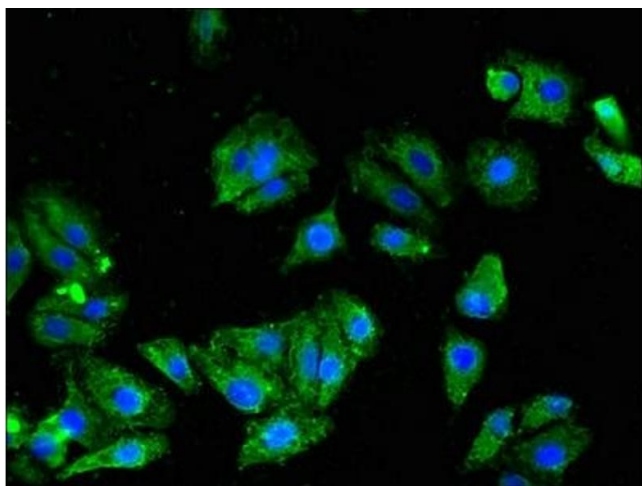
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

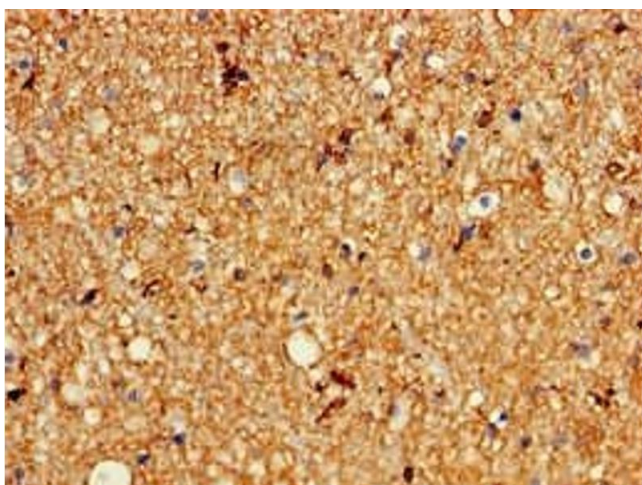
Storage: -20 °C,-80 °C

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



#### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HepG2 cells using ABIN7163965 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7163965 at dilution of 1:100