



## Datasheet for ABIN7257573 anti-KCNN3 antibody



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### 1 Image

#### Overview

Quantity:	200 µL
Target:	KCNN3
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNN3 antibody is un-conjugated
Application:	Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human KCNN3 (NP_740752.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	KCNN3
Alternative Name:	KCNN3 ( <a href="#">KCNN3 Products</a> )
Background:	Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different calcium-activated potassium channels. This gene belongs to the KCNN family of potassium

## Target Details

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channels. It encodes an integral membrane protein that forms a voltage-independent calcium-activated channel, which is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. This gene contains two CAG repeat regions in the coding sequence. It was thought that expansion of one or both of these repeats could lead to an increased susceptibility to schizophrenia or bipolar disorder, but studies indicate that this is probably not the case. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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Gene ID: 3782

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UniProt: [Q9UGI6](#)

## Application Details

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Application Notes: IF 1:50-1:100

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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Preservative: Sodium azide

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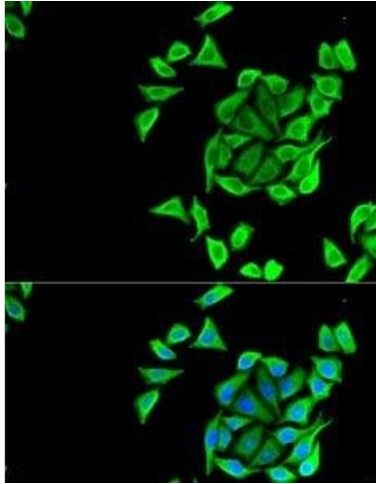
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using KCNN3 Polyclonal Antibody