



## Datasheet for ABIN7075159 anti-KCNH5 antibody



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### 3 Images

#### Overview

Quantity:	100 µL
Target:	KCNH5
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNH5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant protein corresponding to Mouse EAG2
Cross-Reactivity:	Rat
Purification:	Affinity purification

#### Target Details

Target:	KCNH5
Alternative Name:	<a href="#">EAG2 (KCNH5 Products)</a>
Background:	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. The KCNH5 gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming

## Target Details

(alpha) subunit of a voltage-gated non-inactivating delayed rectifier potassium channel. KCNH5 is not expressed in differentiating myoblasts.

Gene ID: 238271

NCBI Accession: [NP\\_766393](#)

UniProt: [Q920E3](#)

## Application Details

Application Notes: IHC/IF (M,R) 1:100-1:300

Restrictions: For Research Use only

## Handling

Format: Liquid

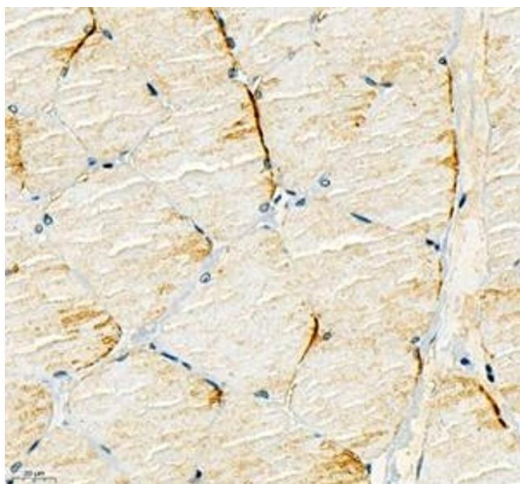
Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

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

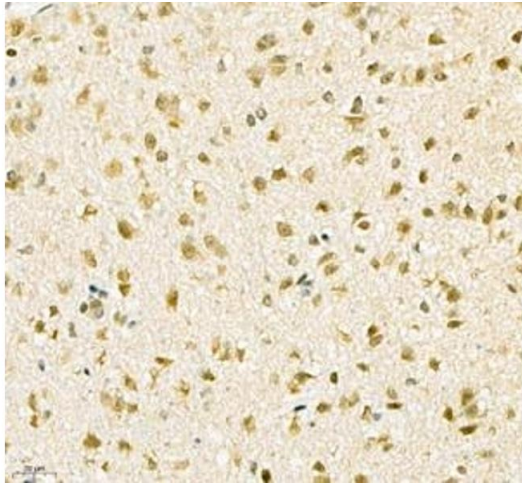
Storage: -20 °C

## Images



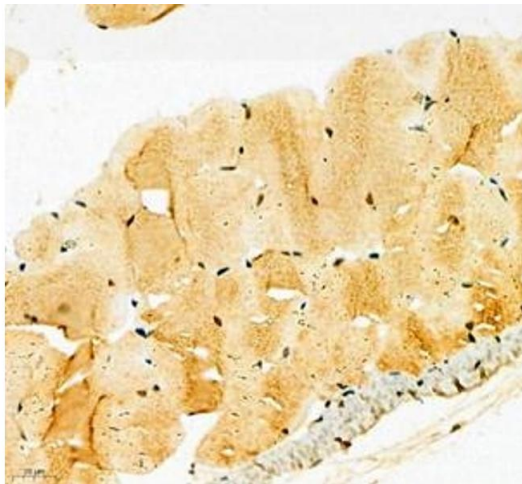
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin embedded rat Skeletal muscle using Kcnh5 (ABIN7075159) at dilution of 1:200 (400x lens)



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin embedded mouse brain using Kcnh5 (ABIN7075159) at dilution of 1:100 (400x lens)



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin embedded mouse Skeletal muscle using Kcnh5 (ABIN7075159) at dilution of 1:100 (400x lens)