

Datasheet for ABIN2461156

**anti-KCNH5 antibody**[Go to Product page](#)**1** Image

## Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | KCNH5  |
| Reactivity:  | Human, Dog   |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This KCNH5 antibody is un-conjugated                     |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), ELISA |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human KCNH5. |
| Purification: | Antibody is purified by peptide affinity chromatography method.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | KCNH5  |
| Alternative Name: | KCNH5 ( <a href="#">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. |
| Molecular Weight: | 67 kDa, 112 kDa, 71 kDa   |
| Gene ID:          | 27133   |
| NCBI Accession:   | <a href="#">NP_758963</a>   |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | KCNH5 antibody can be used for detection of KCNH5 by ELISA at 1:312500. KCNH5 antibody can be used for detection of KCNH5 by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions:      | For Research Use only   |

## Handling

|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Reconstitution:  | Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.  |
| Concentration:   | 1 mg/mL   |
| Buffer:          | Antibody is lyophilized in PBS buffer with 2 % sucrose.   |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles.   |
| Storage:         | 4 °C/-20 °C   |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store KCNH5 antibody at -20 °C. |



Western Blotting

Image 1.