Datasheet for ABIN2776194

# anti-KCNH3 antibody (N-Term)

## 1 Image

Go to Product page

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | KCNH3 (Kcnh3) |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KCNH3 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Sequence: | AELILYRKSG LPFWCLLDVI PIKNEKGEVA LFLVSHKDIS ETKNRGGPDR |
| Predicted Reactivity: | Cow: 100%, Dog: 86%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 77% |
| Characteristics: | This is a rabbit polyclonal antibody against KCNH3. It was validated on Western Blot. |
| Purification: | Affinity Purified |

## Target Details

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|---|---|
| Target: | KCNH3 (Kcnh3) |
| Alternative Name: | KCNH3 (Kcnh3 Products) |
| Background: | KCNH3 is a pore-forming (alpha) subunit of voltage-gated potassium channel. It elicits an |

## Target Details

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| | outward current with fast inactivation. Channel properties may be modulated by cAMP and subunit assembly.<br>Alias Symbols: BEC1, ELK2, KIAA1282, Kv12.2<br>Protein Size: 1083 |
| Molecular Weight: | 117 kDa |
| Gene ID: | 23416 |
| NCBI Accession: | NM_012284, NP_036416 |
| UniProt: | Q9ULD8 |

## Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 1083 AA |
| Restrictions: | For Research Use only |

## Handling

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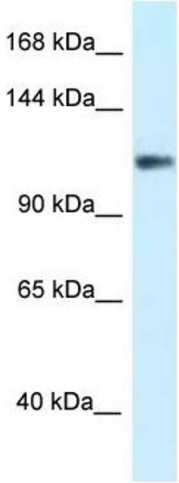
|---|---|
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |




**Western Blotting**

**Image 1.** WB Suggested Anti-KCNH3 Antibody Titration: 1.0 ug/ml Positive Control: COLO205 Whole Cell