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## Datasheet for ABIN603400 anti-KCND3 antibody (AA 55-64)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | KCND3  |
| Binding Specificity: | AA 55-64   |
| Reactivity:          | Human, Mouse, Rat, Rabbit, Cow, Horse, Dog, Monkey, Bat, Chicken, Pig, Xenopus laevis, Hamster |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This KCND3 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA   |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | A synthetic peptide (RTTLERYPDT) corresponding to aa55-64 of mouse KV4.3, (KLH). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Bat, Horse, Rabbit, Pig, Opossum, Turkey, Chicken, Platypus, Xenopus, Stickleback, Pufferfish (100%), Seabass, Zebrafish (90%), Orangutan, Ferret, Lizard (80%).<br><br>Type of Immunogen: Synthetic peptide - KLH conjugated |
| Specificity:          | This antibody recognizes the 74kD mouse voltage-gated potassium channel KV4.3.  |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Bat, Horse, Rabbit, Pig, Opossum, Turkey, Chicken, Platypus, Xenopus, Stickleback, Pufferfish (100%) Seabass, Zebrafish (90%) Orangutan, Ferret,   |

## Product Details

Lizard (80%).

Purification: Purified

## Target Details

Target: KCND3

Alternative Name: KCND3 / Kv4.3 ([KCND3 Products](#))

Background: Name/Gene ID: KCND3  
Subfamily: Potassium channel - Kv4 Shal  
Family: Ion Channel

Synonyms: KCND3, KCND3S, KSHIVB, KCND3L, Potassium ionic channel Kv4.3, Voltage-gated K<sup>+</sup> channel, KV4.3

Gene ID: 3752

UniProt: [Q9UK17](#)

## Application Details

Application Notes: Approved: ELISA (1:500000), WB (1:5000)

Usage: Suitable for use in ELISA and Western Blot. ELISA: 1:500000. Western Blot: 1:5000.

Comment: Target Species of Antibody: Mouse

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: 100 µL sterile ddH<sub>2</sub>O

Concentration: Lot specific

Buffer: Lyophilized from 0.01 M PBS, pH 7.4

Storage: -20 °C

Storage Comment: Lyophilized powder may be stored at -20°C. Stable for 1 year at -20°C. Reconstituted product is stable for 1 year at -20°C Aliquot and store at -20°C.