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Datasheet for ABIN1742423

## anti-CAMK1 antibody

### 2 Images

#### Overview

|              |  |
|--------------|--|
| Quantity:    | 50 µg  |
| Target:      | CAMK1  |
| Reactivity:  | Human, Mouse, Rat                                |
| Host:        | Guinea Pig                                       |
| Clonality:   | Polyclonal                                       |
| Application: | Western Blotting (WB), Immunocytochemistry (ICC) |

#### Product Details

|               |   |
|---------------|---|
| Immunogen:    | Purified recombinant full-length mouse CaMK 1 alpha.  |
| Specificity:  | Specify for CaMK 1, recognizes all isoforms (alpha, beta, gamma, and delta).                |
| Purification: | Affinity purified with the immunogen. Guinea pig serum albumin was added for stabilization. |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | CAMK1  |
| Alternative Name: | CaMK 1 ( <a href="#">CAMK1 Products</a> )  |
| Pathways:         | <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Smooth Muscle Cell Migration</a> |

#### Application Details

|                    |  |
|--------------------|--|
| Application Notes: | WB: 1 : 1000 (AP staining)<br>IP: not tested yet |
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## Application Details

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ICC: 1 : 500

IHC: not tested yet

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: For reconstitution add 50  $\mu$ L H<sub>2</sub>O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

Buffer: PBS

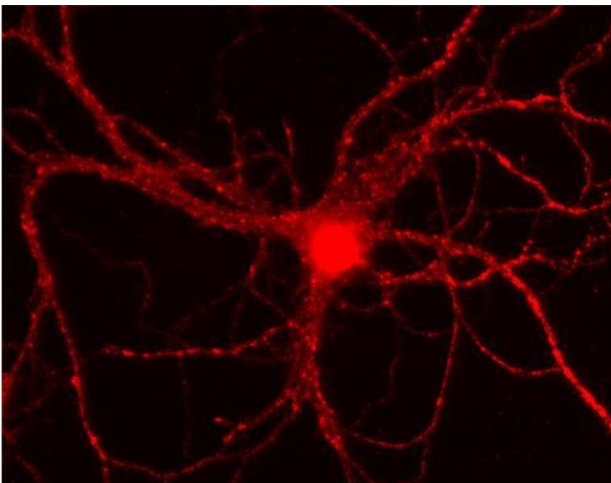
Handling Advice: Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.

Storage: -20 °C

Storage Comment: Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

## Images

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### Immunocytochemistry

**Image 1.** Indirect immunostaining of rat hippocampus neurons (dilution 1 : 500).



### Western Blotting

**Image 2.** dilution: 1 : 1000, sample: rat spinal cord homogenate