

Datasheet for ABIN7262961

**anti-CAMK1 antibody****1** Image[Go to Product page](#)

## Overview

|              |                                      |
|--------------|--------------------------------------|
| Quantity:    | 200 µL                               |
| Target:      | CAMK1                                |
| Reactivity:  | Human, Mouse                         |
| Host:        | Rabbit                               |
| Clonality:   | Polyclonal                           |
| Conjugate:   | This CAMK1 antibody is un-conjugated |
| Application: | Immunofluorescence (IF)              |

## Product Details

|                  |  |
|------------------|--|
| Immunogen:       | Recombinant fusion protein of human CAMK1 (NP_003647.1). |
| Isotype:         | IgG  |
| Characteristics: | Polyclonal Antibody                                      |
| Purification:    | Affinity purification                                    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CAMK1  |
| Alternative Name: | CAMK1 ( <a href="#">CAMK1 Products</a> )   |
| Background:       | Calcium/calmodulin-dependent protein kinase I is expressed in many tissues and is a component of a calmodulin-dependent protein kinase cascade. Calcium/calmodulin directly activates calcium/calmodulin-dependent protein kinase I by binding to the enzyme and indirectly promotes the phosphorylation and synergistic activation of the enzyme by |

## Target Details

calcium/calmodulin-dependent protein kinase I kinase.

Gene ID: 8536

UniProt: [Q14012](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of Muscle Cell Differentiation](#), [Smooth Muscle Cell Migration](#)

## Application Details

Application Notes: IF 1:50-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

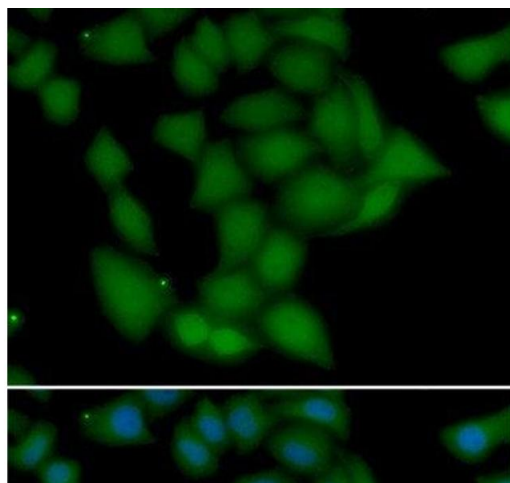
Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using CAMK1 Polyclonal Antibody