

# CAMK2G Rabbit pAb

Catalog No.: A3231 **1 Publications**

## Basic Information

### Observed MW

75kDa/80kDa

### Calculated MW

63kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The product of this gene is one of the four subunits of an enzyme which belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a gamma chain. Many alternatively spliced transcripts encoding different isoforms have been described but the full-length nature of all the variants has not been determined.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
818	Q13555

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 300-410 of human CAMK2G (NP\_751909.1).

### Synonyms

CAMK; CAMKG; MRD59; CAMK-II; CAMK2G

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

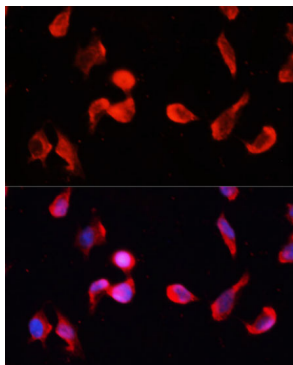
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Immunofluorescence analysis of HeLa cells using CAMK2G Polyclonal Antibody (A3231) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.