

## Rabbit CaMKII delta Polyclonal Antibody | anti-CaMKII delta antibody

CaMKII delta antibody

|                               |                       |                                                                              |
|-------------------------------|-----------------------|------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA107729</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunocytochemistry, Immunofluorescence</b> |
|-------------------------------|-----------------------|------------------------------------------------------------------------------|

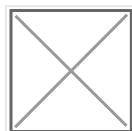
### PRODUCT SYNONYMS

CaMKII delta; Polyclonal Antibody; CaMKII delta antibody; Polyclonal CaMKII delta; Anti-CaMKII delta; CaM kinase II delta subunit; CAMK2D; DKFZp686I2288; CAMKD; caM kinase II subunit delta; DKFZp686G23119; CaM-kinase II delta chain; MGC44911; CaMK-II delta subunit; anti-CaMKII delta antibody

### PRODUCT SPECIFICATIONS

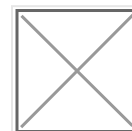
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|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | Rabbit                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                           |
| Isotype                                                | IgG                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification                                    | CaMKII delta antibody was purified by antigen-affinity chromatography                                                                                                                                                                                                                                                                                                                |
| Form/Format                                            | Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.                                                                                                                                                                                                                                         |
| Concentration                                          | 0.97 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                           |
| Applicable Applications for anti-CaMKII delta antibody | WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)                                                                                                                                                                                                                                                                                                                |
| Biological Significance                                | The product of this gene belongs to the serine/threonine protein kinase family and to the Ca/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 delta chain. |
| Cross-Reactivity                                       | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage                                | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                              |

### IMAGES



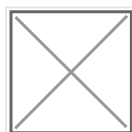
#### IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using CaMKII delta antibody at 1:200 dilution.



#### WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A431; B: H1299) using a 10 % SDS PAGE gel and CaMKII delta antibody at a dilution of 1:1000



#### WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 10 % SDS PAGE gel and CaMKII delta antibody at a dilution of 1:10000

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                     |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CaMKII delta antibody | Affinity purified Rabbit polyclonal CaMKII delta antibody                                                                           |
| Product Categories/Family for anti-CaMKII delta antibody   | <a href="#">Proteases</a> ; <a href="#">Inhibitors</a> ; & <a href="#">Enzymes</a> ; <a href="#">Purified Polyclonal Antibodies</a> |

NCBI AND UNIPROT INFORMATION

|                  |        |
|------------------|--------|
| Molecular Weight | 54 kDa |
|------------------|--------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/camkii-delta-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107729>