

## Product Datasheet

### CaM Kinase II antibody (orb345505)

**Description**

CaM Kinase II antibody

**Species/Host**

Rabbit

**Reactivity**

Mouse

**Conjugation**

Unconjugated

**Tested**

ELISA, WB

**Applications**
**Immunogen**

This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an N-terminus region of Human CaM Kinase II protein.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.57 mg/mL

**Storage**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

This affinity purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band ~ 54 kDa in size corresponding to CaM Kinase II by western blotting in the appropriate cell lysate or extract.

**Isotype**

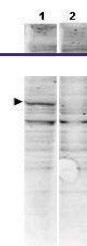
IgG

**Clonality**

Polyclonal

**Purity**

This affinity purified antibody is directed against human CaM Kinase II protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification. A BLAST analysis was used to suggest reactivity with this protein from human, mouse, rat, and orangutan based on 100% homology for the immunogen sequence. Cross reactivity with CaM Kinase II protein from zebrafish and rabbit may occur as this sequence only varies by one amino acid residue (94% homology). Cross reactivity with CaM Kinase II homologues from other sources has not been determined.



Western blot analysis of human alpha CaM...

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive&lt;br&gt;Research Triangle Park&lt;br&gt;Durham, North Carolina&lt;br&gt;27709. United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

**Expiration Date**

12 months from date of receipt.