

QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

Calmodulin-Dependent Protein Kinase II (CaMKII) Polyclonal Antibody

ORDERING INFORMATION

Catalog Number	Size
56370-25	25 ug
56370-100	100 ug

Supplied as affinity-purified antibody at 1 mg/ml in borate buffered saline, pH 8.2.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 7-20 of rat multifunctional calmodulin-dependent kinase II delta isoform conjugated to KLH.

Host Species: Rabbit

Subclass: Polyclonal

Clone Number: Not applicable

Stabilizers: None.

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes alpha, delta, and gamma isoforms of human, mouse, rat, bovine, hamster, guinea pig, chicken, and rabbit CaMKII (Calmodulin-Dependent Protein Kinase II).

APPLICATIONS

Western blot: Use at 1 ug/ml. A band of approx. 50-60 kD is detected corresponding to the apparent molecular mass of CaMKII isoforms.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

Store frozen product at or below -20°C. Thawed product may be stored for 2-4 weeks at 4°C. For optimal storage, aliquot to smaller portions and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.