

# QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

## Protein Kinase B (PKB) Polyclonal Antibody

### ORDERING INFORMATION

Catalog Number	Size
56408-25	25 ug
56408-100	100 ug

**Format:** This antibody is supplied affinity purified in borate buffered saline, pH 8.4.

### SPECIFICATION SUMMARY

**Antigen:** A 13-residue synthetic peptide corresponding to residues 88-100 of human PKB,  $\alpha$  isoform with a C-terminal cysteine added and coupled to KLH.

**Host Species:** Rabbit

**Subclass:** Polyclonal

**Clone Number:** NA

**Stabilizers:** None.

**Preservatives:** None

### SPECIFICITY

This antibody recognizes a 59 kDa protein on mouse brain tissue extract SDS-PAGE immunoblots, corresponding to the molecular mass of PKB. An 85 kDa protein is also seen in rat and mouse brain extracts which may be the Akt murine oncogene product. The antibody recognizes both phosphorylated and unphosphorylated PKB and may be used to quantitate total

Akt. The antibody also recognizes PKG. This antibody recognizes human, mouse, rat, bovine, chicken, dog, hamster, monkey, pig, rabbit, and sheep PKB.

### APPLICATIONS

*Western blot:* Use at 1 ug/ml

*Immunoprecipitation:* Use at 12.5 ug/ml

### 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  $-20^{\circ}\text{C}$ . Thawed product may be stored for 2-4 weeks at  $4^{\circ}\text{C}$ . For optimal storage, aliquot to smaller portions and store at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . Avoid repeated freeze/thaw cycles.

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