

## Protein Kinase D2 Polyclonal Antibody

### ORDERING INFORMATION

**Catalog no.:** 56115

**Format:** 100ug affinity-purified antibody in PBS, pH 7.4, 0.02% sodium azide.

### BACKGROUND

Protein kinase D2 (PKD2) is a serine threonine protein kinase widely expressed in human and murine tissues. It exhibits strong homology to the serine threonine protein kinases PKD/PKCmicro and PKCnu. In contrast, it has a low degree of sequence homology to other members of the PKC family. PKD2 is activated by phorbol esters and a variety of growth factors.

### SPECIFICATION SUMMARY

**Antigen:** Synthetic peptide corresponding to aa 849-864 of human PKD2.

**Accession no.:** Q9BZL6

**Gene ID:** 25865

**Host Species:** Rabbit

**Specificity:** This antibody recognizes human PKD2.

### APPLICATIONS

*Immunoblotting:* use at 1:500-1:1,000 dilution. A band of ~105kDa is detected. These are recommended concentrations. Endusers should determine optimal concentrations for their applications.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium that is compatible with the assay system.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at 4°C.

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