

Anti-Human Protein Kinase C Alpha (α)

Product #: PK 14

Lot #: 020296YY

**Immunoglobulin
Type:**

Polyclonal Rabbit IgG.

Specificity:

Prepared against synthetic peptide corresponding to a distinct C terminal region, (FEKAKLGPAGNKVISPEDRKQ residues 305-325) from human protein kinase C . Based on known homologies, it is expected to react with the PKC ortholog in most mammalian species.

Applications:

Intended for use in Western blots, ELISA, and/or Immunohistochemical techniques. It has also been reported to be useful for immunoprecipitation of PKC .

**Recommended
Dilutions:**

For Immunohistochemistry and Western blotting using alkaline phosphatase or horseradish peroxidase, a dilution of 1:250 is recommended. With a more sensitive detection system, such as enhanced chemiluminescence or ELISA, the antibody may be diluted further.

Contents (per vial):

100 μ L of rabbit antiserum containing 0.05% sodium azide.

Storage:

Stable for several months at 4°C, up to a year at -20°C, and indefinitely at -80°C. Avoid repeated freeze thaws.

Reference:

Wetsel, W.C. et al. 1992. Tissue and Cellular Distribution of the Extended Family of Protein Kinase C Isoenzymes. *J. Cell. Biol.* **117**: 121-133.