



# KPCL rabbit pAb

Cat No.:ES10823

For research use only

## Overview

|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | KPCL rabbit pAb  |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat  |
| <b>Recommended dilutions</b>    | WB 1:500-2000 ELISA 1:5000-20000   |
| <b>Immunogen</b>                | Synthesized peptide derived from part region of human protein  |
| <b>Specificity</b>              | KPCL Polyclonal Antibody detects endogenous levels of protein.   |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Protein kinase C eta type (EC 2.7.11.13) (PKC-L) (nPKC-eta)  |
| <b>Gene Name</b>                | PRKCH PKCL PRKCL   |
| <b>Cellular localization</b>    | Cytoplasm .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            | 75kD   |
| <b>Human Gene ID</b>            | 5583   |
| <b>Human Swiss-Prot Number</b>  | P24723   |
| <b>Alternative Names</b>        |  |
| <b>Background</b>               | Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each |





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member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipids-dependent protein kinase. It is predominantly expressed in epithelial tissues and has been shown to reside specifically in the cell nucleus. This protein kinase can regulate keratinocyte differentiation by activating the MAP kinase MAPK13 (p38delta)-activated protein kinase cascade that target



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