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| Cat. No: | AB-90243 |
| Conjugate: | Unconjugated |
| Size: | 100 ug |
| Clone: | POLY |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | The antiserum was produced against synthesized peptide derived from human PKC alpha. AA range:606-655 |
| Reactivity: | Human, Mouse, Rat |
| Applications: | Western Blot: 1/500 - 1/2000 Immunohistochemistry: 1/100 - 1/300 |
| Molecular Weight: | 76kD |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Synonyms: | PRKCA; PKCA; PRKACA; Protein kinase C alpha type; PKC-A; PKC-alpha |
| Background: | diacylglycerol. PKC family members phosphorylate a vwide 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 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. This kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes. |
| Form: | Liquid |
| Buffer: | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage: | Store at -20°C. Avoid repeated freeze-thaw cycles. |

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