



PRKCI Polyclonal Antibody

E90618

Catalog Number: E90618**Amount:** 100ul

Background: This gene encodes a member of the protein kinase C (PKC) family of serine/threonine protein kinases. The PKC family comprises at least eight members, which are differentially expressed and are involved in a wide variety of cellular processes. This protein kinase is calcium-independent and phospholipid-dependent. It is not activated by phorbol esters or diacylglycerol. This kinase can be recruited to vesicle tubular clusters (VTCs) by direct interaction with the small GTPase RAB2, where this kinase phosphorylates glyceraldehyde-3-phosphate dehydrogenase (GAPD/GAPDH) and plays a role in microtubule dynamics in the early secretory pathway. This kinase is found to be necessary for BCL-ABL-mediated resistance to drug-induced apoptosis and therefore protects leukemia cells against drug-induced apoptosis. There is a single exon pseudogene mapped on chromosome X. [provided by RefSeq, Jul 2008]

Species: Rabbit**Isotype:** IgG

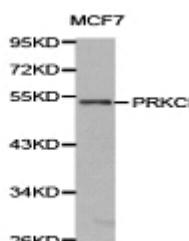
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: DDX1179E; MGC26534; PKCI; nPKC-*ι***Immunogen:** Recombinant protein of human PRKCI**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC IP**Molecular Weight:** 68kDa**Swiss-Prot No.:** P41743**Gene ID:** 5584

WB1:500-1:2000

IHC1:50-1:200

IP1:50-1:200



Western blot analysis of extracts of MCF7 cell/tissue, using PRKCI antibody.

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