



PKC ? Polyclonal Antibody

Cat No: HR1AP4337

For research use only

Overview

Product Name	PKC ? Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse,Rat,Monkey
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	80kDa
GeneID?Human?	PRKCZ
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	PRKCZ; PKC2; Protein kinase C zeta type; nPKC-zeta
Background	protein kinase C zeta(PRKCZ) Homo sapiens Protein kinase C (PKC) zeta is a member of the PKC family of serine/threonine kinases which are involved in a variety of cellular processes such as proliferation, differentiation and secretion. Unlike the classical PKC isoenzymes which are calcium-dependent, PKC zeta exhibits a kinase activity which is independent of calcium and diacylglycerol but not of phosphatidylserine. Furthermore, it is insensitive to typical PKC inhibitors and cannot be activated by phorbol ester. Unlike the classical PKC isoenzymes, it has only a single zinc finger module. These structural and biochemical properties indicate that the zeta subspecies is related to, but distinct from other isoenzymes of PKC. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],