Rabbit Anti-PRKCZ Polyclonal Antibody

CPB-1262RH   Rabbit(PRKCZ)
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-PRKCZ Polyclonal Antibody
Antigen Description	This is a calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters. Subunit of quaternary complex thatplays a central role in epithelial cell polarization.
specificity	The antibody detects endogenous level of total PKCζ protein.
Target	PRKCZ
Immunogen	Peptide sequence around aa. 408~412 (T-S-T-F-C) derived from Human PKCζ.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	WB,IHC

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C /1 year

ANTIGEN GENE INFORMATION

Gene Name	PRKCZ protein kinase C, zeta [Homo sapiens]
Official Symbol	PRKCZ
Synonyms	PRKCZ; protein kinase C, zeta; protein kinase C zeta type; PKC2; nPKC-zeta; PKC-ZETA;
GeneID	5590
mRNA Refseq	NM_001033581
Protein Refseq	NP_001028753
MIM	176982
UniProt ID	Q05513
Chromosome Location	1p36.33-p36.2
Pathway	CDC42 signaling events, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Ceramide signaling pathway, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; EGFR1 Signaling Pathway, organism-specific biosystem;

Function

ATP binding; insulin receptor substrate binding; metal ion binding; nucleotide binding; protein binding; protein kinase C activity; protein kinase activity; protein serine/threonine kinase activity; zinc ion binding;