

ABBREVIATIONS

	A
aPKC	atypical protein kinase C
ATP	adenosine triphosphate
	C
Ca ²⁺	calcium
cPKC	conventional protein kinase C
CRIB	Cdc42, Rac-interactive binding
	D
diC8	1,2-dioctanoylglycerol
DMEM	Dalbeco minimal essential medium
DSS	Disuccinimidyl Suberate
DTT	DL-dithiothreitol
	E
ECL	enhanced chemiluminescence
EDTA	ethylenediaminetetraacetic acid
ERK	extracellular signal-regulated kinase
ESI	electrospray ionization
	F
FCS	fetal calf serum
	G
GABA	extracellular signal-regulated kinase
GST	glutathione S-transferase
GUK	guanylate kinase-like domain
	H
HEPES	N-[2-hydroxyethyl]piperazine-N-[2-ethanesulfonic acid]
HRP	horseradish peroxidase
	L
LC	low calcium medium
	M
MAGUK	membrane associated guanylate kinase homologues
MALDI	matrix-assisted laser desorption/ionization
MDCK	Madine-Darby canine kidney
MEM	minimal essential medium
MPKCI	myristoylated protein kinase C inhibitor
MS	mass spectrometry
MS/MS	tandem mass spectrometry
	N
NC	normal calcium medium
NF- κ B	nuclear factor kappa B
nPKC	novel protein kinase C
	P
pAb	polyclonal antibody
PAGE	polyacrylamide gel electrophoresis
PAR	partitioning defective protein
PBS	phosphate buffered saline
PDZ	PSD95/ DLG/ ZO-1
PMA	phorbol 12-myristate 13-acetate
PKC	protein kinase C
	S
SDS	sodium dodecyl sulfate
SH3	Src homology 3
	T
TFA	trifluoroacetic acid
TJ	tight junction
TOF	time of flight
TRIS	tris(hydroxymethyl)aminomethane hydrochloride

TX-100	Triton-X-100	
ZO	zonula occludens	Z