

SUPPLEMENTARY INFORMATION

Table S1. PKC kinase family

Gene name	Common name	Group	Kinase group	Activators	Go6983 inhibitor ^a
PRKCA	PKC α	conventional	AGC	diacylglycerol, Ca ²⁺ , phospholipid	+++
PRKCB	PKC β ^b	conventional	AGC	"	+++
PRKCB	PKC β II ^b	conventional	AGC	"	+++
PRKCG	PKC γ	conventional	AGC	"	+++
PRKCD	PKC δ	novel	AGC	diacylglycerol, phospholipid	+++
PRKCE	PKC ϵ	novel	AGC	"	–
PRKCH	PKC η	novel	AGC	"	–
PRKCQ	PKC θ	novel	AGC	"	–
PRKCI	PKC ι/λ ^c	atypical	AGC	phospholipid, ceramide, PAR6-CDC42	–
PRKCZ	PKC ζ	atypical	AGC	"	++
PKN1	PKC-related kinase 1		AGC	RAC and RHO	–
PKN2	PKC-related kinase 2		AGC	"	–
PKN3	PKC-related kinase 3		AGC	"	–
PRKD1	PKC μ , PKD1		CAMK	diacylglycerol	–
PRKD2	PKD2		CAMK	"	–
PRKD3	PKC ν , PKD3		CAMK	"	–

^a From Selleck (<https://www.selleckchem.com/products/go-6983.html>).

^b PKC β I is considered the main isoform and PKC β II an alternatively spliced isoform encoded by the same gene.

^c PKC ι is the human gene and PKC λ is the mouse gene.