

兔抗 PRKCB (Phospho-Thr641)多克隆抗体

中文名称：兔抗 PRKCB (Phospho-Thr641)多克隆抗体

英文名称：Anti-PRKCB (Phospho-Thr641) rabbit polyclonal antibody

别名：PKCB; PRKCB1; PRKCB2; PKC-beta

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

抗原：PRKCB (Phospho-Thr641)

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

Calcium-activated and phospholipid-dependent serine/threonine-protein kinase involved in various processes such as regulation of the B-cell receptor (BCR) signalosome, apoptosis and transcription regulation. Plays a key role in B-cell activation and function by regulating BCR-induced NF-kappa-B activation and B-cell survival. Required for recruitment and activation of the IKK kinase to lipid rafts and mediates phosphorylation of CARD11/CARMA1 at 'Ser-559', 'Ser-644' and 'Ser-652', leading to activate the NF-kappa-B signaling. Involved in apoptosis

	<p>following oxidative damage: in case of oxidative conditions, specifically phosphorylates 'Ser-36' of isoform p66Shc of SHC1, leading to mitochondrial accumulation of p66Shc, where p66Shc acts as a reactive oxygen species producer. Acts as a coactivator of androgen receptor (ANDR)-dependent transcription, by being recruited to ANDR target genes and specifically mediating phosphorylation of 'Thr-6' of histone H3 (H3T6ph), a specific tag for epigenetic transcriptional activation that prevents demethylation of histone H3 'Lys-4' (H3K4me) by LSD1/KDM1A. Also involved in triglyceride homeostasis. Serves as the receptor for phorbol esters, a class of tumor promoters.</p>
Applications:	WB, IHC, IF
Name of antibody:	PRKCB (Phospho-Thr641)
Immunogen:	Synthetic peptide of human PRKCB (Phospho-Thr641)
Full name:	protein kinase C, beta (Phospho-Thr641)
Synonyms :	PKCB; PRKCB1; PRKCB2; PKC-beta
SwissProt:	P05771
IHC positive control:	Human lung carcinoma
IHC Recommend dilution:	50-100
WB Predicted band size:	82 kDa
WB Positive control:	Jurkat cells untreated or treated with PMA
WB Recommended dilution:	500-1000
IF Positive control:	MCF7 cells
IF Recommended dilution	100-200



