

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/th reonine-protein kinase involved in various processes su ch as regulation of the B-cell receptor (BCR) signaloso me, 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 suvival. Required for recruitment and activation of the IKK kinase to lipid rafts and mediates phosphorylation of CARD11/CA RMA1 at 'Ser-559', 'Ser-644' and 'Ser-652', leading to a ctivate the NF-kappa-B signaling. Involved in apoptosis following oxidative damage: in case of oxidative conditions, specifically phosphorylates 'Ser-36' of isoform p66S hc of SHC1, leading to mitochondrial accumulation of

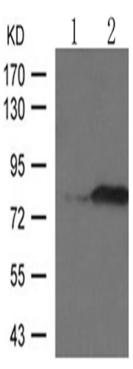


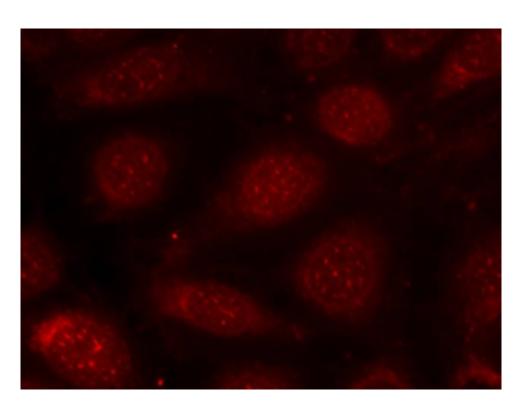
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	p66Shc, where p66Shc acts as a reactive oxygen specie s producer. Acts as a coactivator of androgen receptor (ANDR)-dependent transcription, by being recruited to ANDR target genes and specifically mediating phosphor ylation of 'Thr-6' of histone H3 (H3T6ph), a specific tag for epigenetic transcriptional activation that prevents de methylation of histone H3 'Lys-4' (H3K4me) by LSD1/K DM1A. Also involved in triglyceride homeostasis. Serves as the receptor for phorbol esters, a class of tumor promoters.
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



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