# 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**

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| **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 suvival. 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 following oxidative damage: in case of oxidative conditions, specifically phosphorylates 'Ser-36' of isoform p66S |

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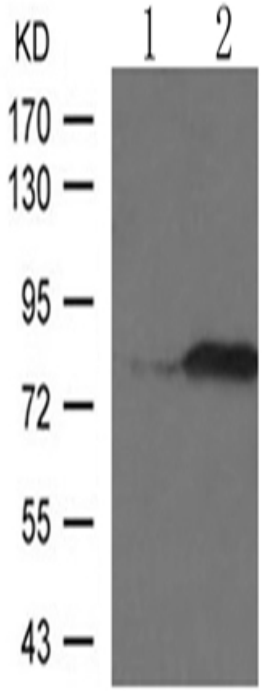
| | hc of SHC1, leading to mitochondrial accumulation of p66Shc, where p66Shc acts as a reactive oxygen species producer. Acts as a coactivator of androgen receptor (ANDR)-dependent transcription, by being recruited to ANDR target genes and specifically mediating phosphorylation of 'Thr-6' of histone 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. |
| **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 |


KD
1
2
170
130
95
72
55
43