

## 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 following oxidative damage: in case of oxidative conditions, specifically phosphorylates 'Ser-36' of isoform p66Shc of SHC1, leading to mitochondrial accumulation of

	<p>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>
<b>Applications:</b>	WB, IHC, IF
<b>Name of antibody:</b>	PRKCB (Phospho-Thr641)
<b>Immunogen:</b>	Synthetic peptide of human PRKCB (Phospho-Thr641)
<b>Full name:</b>	protein kinase C, beta (Phospho-Thr641)
<b>Synonyms :</b>	PKCB; PRKCB1; PRKCB2; PKC-beta
<b>SwissProt:</b>	P05771
<b>IHC positive control:</b>	Human lung carcinoma
<b>IHC Recommend dilution:</b>	50-100
<b>WB Predicted band size:</b>	82 kDa
<b>WB Positive control:</b>	Jurkat cells untreated or treated with PMA
<b>WB Recommended dilution:</b>	500-1000
<b>IF Positive control:</b>	MCF7 cells
<b>IF Recommended dilution</b>	100-200



