

## 兔抗 AKT1 (Phospho-Thr308)多克隆抗体

中文名称：兔抗 AKT1 (Phospho-Thr308)多克隆抗体

英文名称： Anti-AKT1 (Phospho-Thr308) rabbit polyclonal antibody

别名： AKT, PKB, RAC, PRKBA, PKB-ALPHA, RAC-ALPHA

相关类别： 一抗

储存： 冷冻（-20℃）

抗原： AKT1(Phospho-Thr308)

宿主： Rabbit

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

### 技术规格

#### Background:

The serine-threonine protein kinase encoded by the AKT1 gene is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-derived growth factor. The activation is rapid and specific, and it is abrogated by mutations in the pleckstrin homology domain of AKT1. It was shown that the activation occurs through phosphatidylinositol 3-kinase. In the developing nervous system AKT is a critical mediator of growth factor-induced neuronal survival. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT1, which then phosphorylates and inactivates components of the apo

	ptotic machinery. Mutations in this gene have been associated with the Proteus syndrome. Multiple alternatively spliced transcript variants have been found for this gene.
<b>Applications:</b>	WB, IHC, IF
<b>Name of antibody:</b>	AKT1(Phospho-Thr308)
<b>Immunogen:</b>	Peptide sequence around phosphorylation site of threonine 308 (M-K-T(p)-F-C) derived from Human AKT1
<b>Full name:</b>	AKT serine/threonine kinase 1
<b>Synonyms:</b>	AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
<b>SwissProt:</b>	P31749
<b>IHC positive control:</b>	Human lung carcinoma tissue
<b>IHC Recommend dilution:</b>	50-100
<b>WB Predicted band size:</b>	56 kDa
<b>WB Positive control:</b>	Hela cells treated with EGF, serum or both
<b>WB Recommended dilution:</b>	500-1000
<b>IF Positive control:</b>	Hela cells
<b>IF Recommended dilution</b>	100-200



