

## 兔抗 AKT1 (phospho-Thr450)多克隆抗体

中文名称: 兔抗 AKT1 (phospho-Thr450)多克隆抗体

英文名称: Anti-AKT1 (phospho-Thr450) rabbit polyclonal antibody

别名: AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA

相关类别: 一抗

储存: 冷冻 (-20℃) 避光

宿主: Rabbit

抗原: AKT1 (phospho-Thr450)

反应种属: Human, Mouse, Rat

标记物: Unconjugate

克隆类型: rabbit polyclonal

### 技术规格

#### Background:

General protein kinase capable of phosphorylating several known proteins. Phosphorylates TBC1D4. Signals downstream of phosphatidylinositol 3-kinase (PI3K) to mediate the effects of various growth factors such as platelet-derived growth factor (PDGF), epidermal growth factor (EGF), insulin and insulin-like growth factor I (IGF-I). Plays a role in glucose transport by mediating insulin-induced translocation of the GLUT4 glucose transporter to the cell surface. Mediates the antiapoptotic effects of IGF-I. Mediates insulin-stimulated protein synthesis by phosphorylating TSC2 at 'Ser-939' and 'Thr-1462', thereby activating mTORC1 signaling and leading to both phosphorylation of 4E-BP1 and in activation of RPS6KB1. Promotes glycogen synthesis by medi

	ating the insulin-induced activation of glycogen synthase.
<b>Applications:</b>	WB, IHC, IF
<b>Name of antibody:</b>	AKT1 (phospho-Thr450)
<b>Immunogen:</b>	Synthetic peptide of human AKT1 (phospho-Thr450)
<b>Full name:</b>	v-akt murine thymoma viral oncogene homolog 1 (phospho-Thr450)
<b>Synonyms :</b>	AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
<b>SwissProt:</b>	P31749
<b>IHC positive control:</b>	Human breast carcinoma
<b>IHC Recommend dilution:</b>	50-100
<b>WB Predicted band size:</b>	60 kDa
<b>WB Positive control:</b>	293 cells treated with EGF
<b>WB Recommended dilution:</b>	500-1000
<b>IF Positive control:</b>	Hela cells
<b>IF Recommended dilution</b>	100-200



