

## 兔抗 AKT1 (Phospho-Ser473)多克隆抗体

中文名称：兔抗 AKT1 (Phospho-Ser473)多克隆抗体

英文名称：Anti-AKT1 (Phospho-Ser473) 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-Ser473)

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-BP

	1 and in activation of RPS6KB1. Promotes glycogen synthesis by mediating the insulin-induced activation of glycogen synthase.
<b>Applications:</b>	WB, IHC
<b>Name of antibody:</b>	AKT1 (Phospho-Ser473)
<b>Immunogen:</b>	Synthetic peptide of human AKT1 (Phospho-Ser473)
<b>Full name:</b>	v-akt murine thymoma viral oncogene homolog 1 (Phospho-Ser473)
<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, Serum or both
<b>WB Recommended dilution:</b>	500-1000



