

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. Signal s 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 mediating the insulin-induced activation of glycogen synthase.
Applications:	WB, IHC
Name of antibody:	AKT1 (Phospho-Ser473)
Immunogen:	Synthetic peptide of human AKT1 (Phospho-Ser473)
Full name:	v-akt murine thymoma viral oncogene homolog 1 (Phospho-Ser473)
Synonyms :	AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
SwissProt:	P31749
IHC positive control:	Human breast carcinoma
IHC Recommend dilution:	50-100
WB Predicted band size:	60 kDa
WB Positive control:	293 cells treated with EGF, Serum or both
WB Recommended dilution:	500-1000



