

兔抗 AKT1 (phospho-Thr450)多克隆抗体

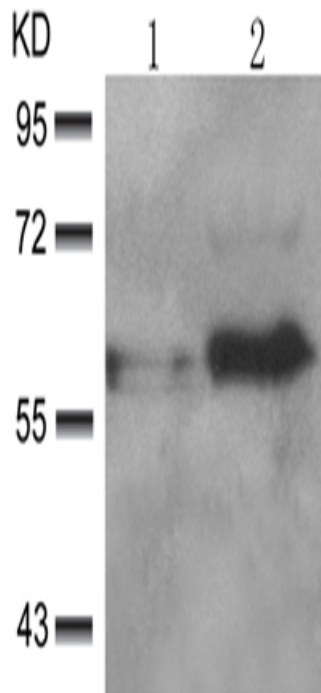
- 中文名称：兔抗 AKT1 (phospho-Thr450)多克隆抗体
- 英文名称：Anti-AKT1 (phospho-Thr450) rabbit polyclonal antibody
- 别名：AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
- 相关类别：一抗
- 储存：冷冻（-20℃）避光
- 宿主：Rabbit
- 抗原：AKT1 (phospho-Thr450)
- 反应种属：Human, Mouse, Rat
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

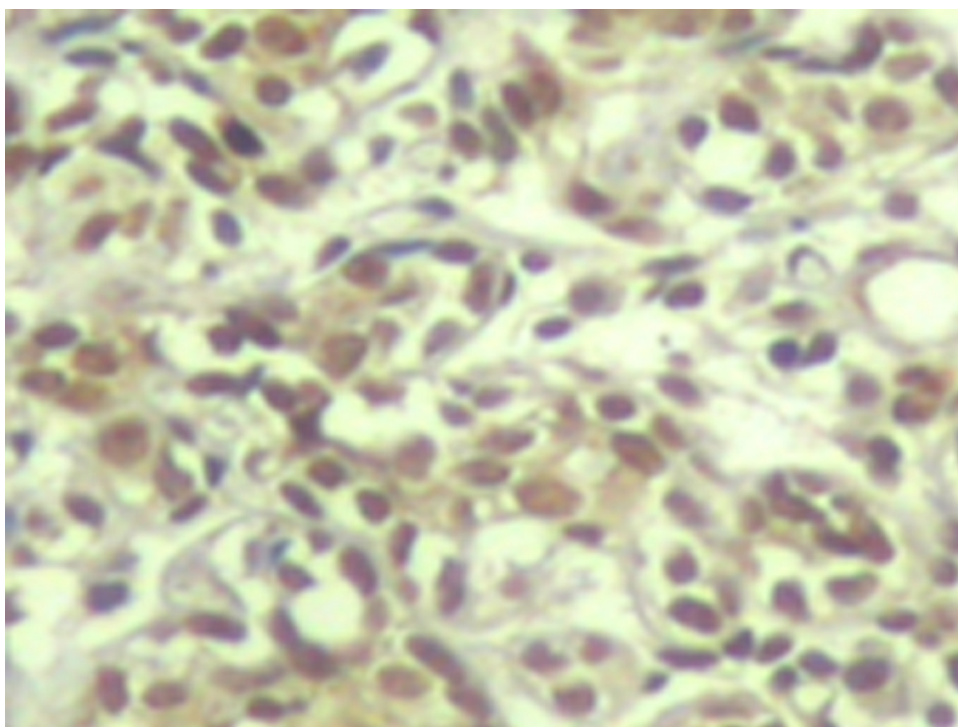
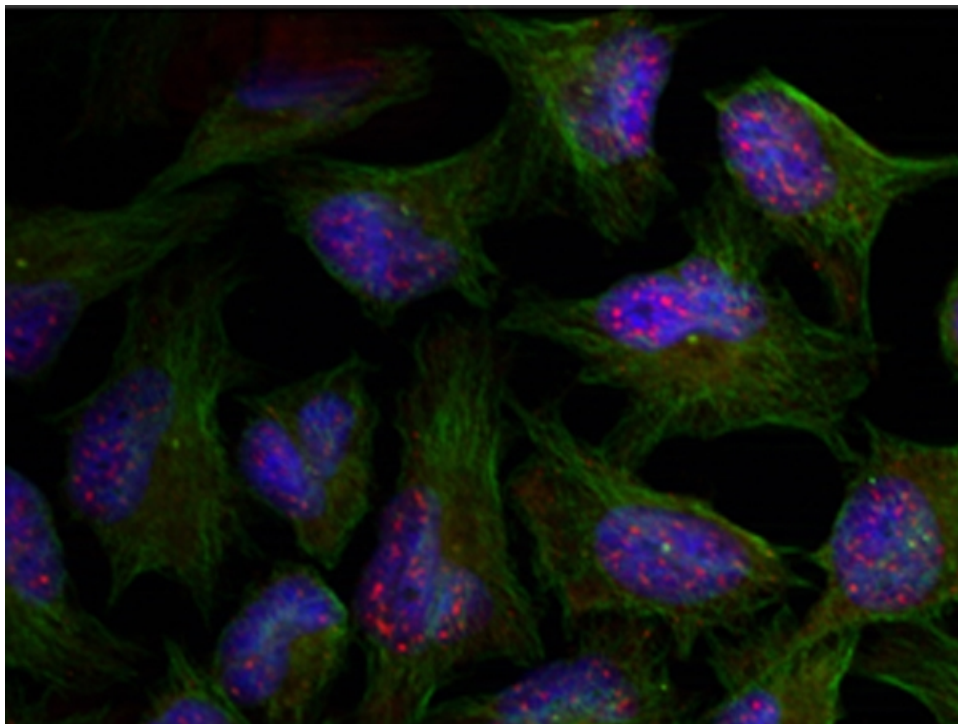
技术规格

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 mediating the insulin-induced activation of glycogen synthase.
Applications:	WB, IHC, IF
Name of antibody:	AKT1 (phospho-Thr450)
Immunogen:	Synthetic peptide of human AKT1 (phospho-Thr450)
Full name:	v-akt murine thymoma viral oncogene homolog 1 (phospho-Thr450)
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
WB Recommended dilution:	500-1000
IF Positive control:	Hela cells
IF Recommended dilution	100-200





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