

兔抗 AKT1/AKT2/AKT3 (phospho-Tyr315/316/312)多克隆抗体

- 中文名称：兔抗 AKT1/AKT2/AKT3 (phospho-Tyr315/316/312)多克隆抗体
- 英文名称：Anti-AKT1/AKT2/AKT3 (phospho-Tyr315/316/312) rabbit polyclonal antibody
- 相关类别：一抗
- 储 存：冷冻（-20℃）避光
- 宿 主：Rabbit
- 抗 原：AKT1/AKT2/AKT3 (phospho-Tyr315/316/312)
- 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 gly

	cogen synthesis by mediating the insulin-induced activation of glycogen synthase. /General protein kinase capable of phosphorylating several known proteins. IGF-1 leads to the activation of AKT3, which may play a role in regulating cell survival. Capable of phosphorylating several known proteins. Truncated isoform 2/PKB gamma 1 without the second serine phosphorylation site could still be stimulated but to a lesser extent.
Applications:	WB, IHC, IF
Name of antibody:	AKT1/AKT2/AKT3 (phospho-Tyr315/316/312)
Immunogen:	Synthetic peptide of human AKT1/AKT2/AKT3 (phospho-Tyr315/316/312)
Full name:	AKT1/AKT2/AKT3 (phospho-Tyr315/316/312)
SwissProt:	P31749
IHC positive control:	Human breast carcinoma
IHC Recommend dilution:	50-100
WB Predicted band size:	60 kDa
WB Positive control:	HepG2 cells treated with EGF
WB Recommended dilution:	500-1000
IF Positive control:	Hela cells
IF Recommended dilution	100-200



