

兔抗 AKT1(Ab-308)多克隆抗体

中文名称：兔抗 AKT1(Ab-308)多克隆抗体

英文名称：Anti-AKT1(Ab-308) rabbit polyclonal antibody

别名：AKT, PKB, RAC, PRKBA, PKB-ALPHA, RAC-ALPHA

相关类别：一抗

抗原：AKT1(Ab-308)

储存：冷冻 (-20℃)

宿主：Rabbit

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

The serine-threonine protein kinase encoded by the AKT1 gene is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-derived growth factor. The activation is rapid and specific, and it is abrogated by mutations in the pleckstrin homology domain of AKT1. It was shown that the activation occurs through phosphatidylinositol 3-kinase. In the developing nervous system AKT is a critical mediator of growth factor-induced neuronal survival. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT1, which then phosphorylates and inactivate

	s components of the apoptotic machinery. Mutations in this gene have been associated with the Proteus syndrome. Multiple alternatively spliced transcript variants have been found for this gene.
Applications:	WB, IHC
Name of antibody:	AKT1(Ab-308)
Immunogen:	Synthesized non-phosphopeptide derived from human AKT1 around the phosphorylation site of threonine 308 (M-K-T-F-C)
Full name:	AKT serine/threonine kinase 1
Synonyms:	AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
SwissProt:	P31749
IHC positive control:	Human breast carcinoma tissue
IHC Recommend dilution:	50-100
WB Predicted band size:	56 kDa
WB Positive control:	HepG2 and Hela cell lysates
WB Recommended dilution:	500-1000



