

兔抗 AKT1 多克隆抗体

中文名称：兔抗 AKT1 多克隆抗体

英文名称：Anti-AKT1 rabbit polyclonal antibody

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

相关类别：一抗

抗原：AKT1

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 inactivates 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:	ELISA, IHC
Name of antibody:	AKT1
Immunogen:	Fusion protein of human AKT1
Full name:	V-akt murine thymoma viral oncogene homolog 1
Synonyms :	AKT, PKB, RAC, PRKBA, PKB-ALPHA, RAC-ALPHA
SwissProt:	P31749
ELISA Recommended dilution:	1000-5000
IHC positive control:	Human colon cancer and human tonsil
IHC Recommend dilution:	25-100

