

小鼠抗 AKT1 单克隆抗体

中文名称： 小鼠抗 AKT1 单克隆抗体

英文名称： Anti-AKT1 mouse monoclonal antibody

别名： V-akt murine thymoma viral oncogene homolog 1; AKT; PKB; RAC; PRKBA; PKB-ALPHA; RAC-ALPHA

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： AKT1

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

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 Prader-Willi syndrome. Multiple alternatively spliced transcript vari

	ants have been found for this gene.
Applications:	WB, 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
IHC positive control:	Human lung cancer and Human liver cancer; Human colorectal cancer and Human esophagus cancer
IHC Recommend dilution:	100-500
WB Predicted band size:	56 kDa
WB Positive control:	Hela, 231, PC-3 and HepG2 cell lysates
WB Recommended dilution:	1000-5000





