

AKT1/2 (9T2) Rabbit Monoclonal Antibody

Catalog# UZ-MA00109

Product information

产品货号	UZ-MA00109
别名	AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
产品名称	AKT1/2 (9T2) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-ICC,FCM,IF-P
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of human AKT1
稀释度	WB 1:1000, IHC-P/IF-P 1:100, IF-ICC 1:200-1:500, FCM 1:100-1:200
参考分子量	56kDa
预测分子量	56kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	The serine-threonine protein kinase encoded by the AKT1 gene is catalytically active 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. [provided by RefSeq, Jul 2011]
纯化	Affinity Purification
Uniprot ID	P31749
Clonality	Monoclonal