

Phospho-AKT1 (Ser473) (YD14737) Rabbit mAb

货号: **AYD11197**

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	
理论分子量	56kDa/56kDa/56kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7, HeLa, NIH/3T3
细胞定位	Cytoplasm, Nucleus, Cell membrane, Mitochondrion intermembrane space
纯化	

抗原信息

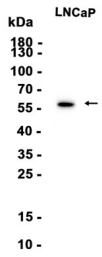
抗原信息	
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靶点信息

研究背景	<p>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 and AKT3 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]</p>
基因ID	207

基因名	AKT1, Akt1
Swiss	P31749, P31750, P47196
别名	Phospho-AKT1 (Ser473) (YD14737)

产品验证



实验步骤

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