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Phospho-AKT1 (Thr450) (YD31593) Rabbit mAb

货号: AYD11063

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P
推荐浓度	
理论分子量	56kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,NIH/3T3,C6
细胞定位	Cytoplasm, Nucleus, Cell membrane, Mitochondrion intermembrane space
纯化	亲和纯化

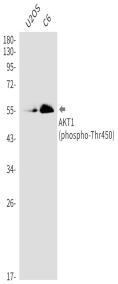
抗原信息

抗原信息	

靶点信息

研究背景	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.
基因ID	207
基因名	AKT1
Swiss	P31749 (https://www.uniprot.org/uniprotkb/P31749/entry)
别名	Phospho-AKT1 (Thr450) (YD31593),Phospho-AKT1 (Thr450) (YD31593) Rabbit mAb,AKT1,Protein kinase B,Protein kinase B alpha,Proto-oncogene c-Akt,RAC-PK-alpha,PKB,RAC

产品验证



实验步骤

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