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Phospho-Akt(Ser473) Rabbit mAb

货号: AYM30929

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	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	48kDa/55kDa
实测分子量	60kDa
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	HeLa
细胞定位	Cell membrane,Cytoplasm,Nucleus
纯化	Affinity purification

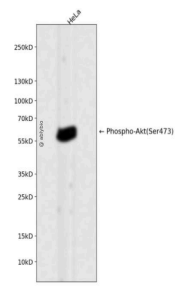
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Akt(Ser473).

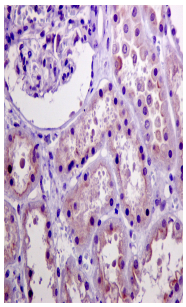
靶点信息

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-Akt(Ser473),Phospho-Akt(Ser473) Rabbit mAb,AKT1,Protein kinase B,Protein kinase B alpha,Proto-oncogene c-Akt,RAC-PK-alpha,PKB,RAC

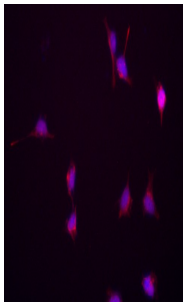
产品验证



Western blot analysis of Phospho-Akt(Ser473) expressed in HeLa using Phospho-Akt(Ser473) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-Akt(Ser473) Antibody.



Immunofluorescence analysis of HEK293, AKT antibody,1:100

实验步骤

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