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AKT1/2/3 (YD16839) Rabbit mAb

货号: AYD11977

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC IP
推荐浓度	**WB: 1:1000-1:5000:** **IHC-P: 1:100-1:300:** **ICC/IF: 1:100-1:300:** **FC: 1:200-1:500:** **IP: 1:100:**
理论分子量	56kDa
实测分子量	56kDa
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

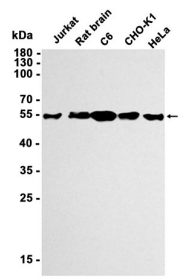
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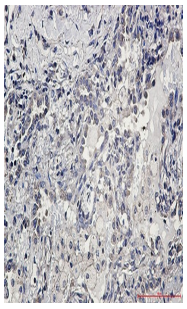
靶点信息

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	AKT1/2/3 (YD16839),AKT1/2/3 (YD16839) Rabbit mAb,AKT1,Protein kinase B,Protein kinase B alpha,Proto-oncogene c-Akt,RAC-PK-alpha,PKB,RAC

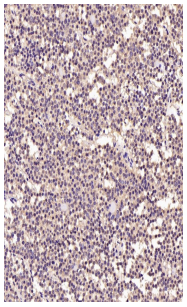
产品验证



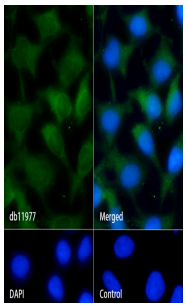
Western blot analysis of extracts from Jurkat, C6, CHO-K1, HeLa cells and Rat brain tissue using AKT1/2/3 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using AKT1/2/3 antibody.



Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:200 dilution.



Immunofluorescence analysis of HeLa cells labelling AKT1/2/3 with The cells were fixed with cold 100% m ethanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with AKT1/2/3 (1:100) at room temprature for 1h, followed by a furth er incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 Nuclear DNA was lab eled in blue with DAPI.

实验步骤

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