

产品名称: AKT Mouse Monoclonal Antibody
产品货号: AMM03644



产品概述 (Summary)

产品名称 (Production Name)	AKT Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AKT1/AKT2/AKT3
别名 (Alternative Names)	AKT1
基因 ID (Gene ID)	207/208/10000
蛋白 ID (SwissProt ID)	P31749/P31751/Q9Y243.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 56 kDa; Observed MW: 60 kDa

研究背景 (Background)

Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated

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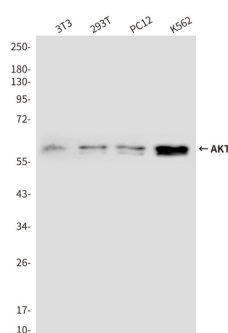


by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

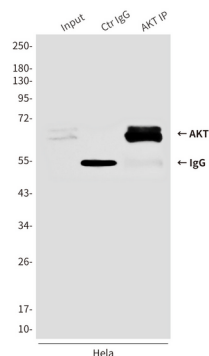
研究领域 (Research Area)

Signal Transduction

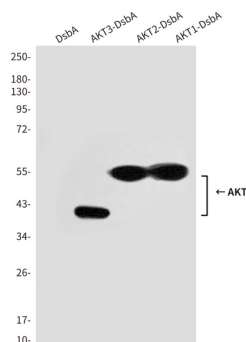
图片 (Image Data)



Western blot analysis of total AKT in 3T3, 293T, PC-12 and K562 lysates using AKT(pan) antibody.



Immunoprecipitation analysis of AKT in HeLa lysates using AKT(pan) antibody.



Western blot analysis of AKT1, AKT2, AKT3 and DSBA recombinant antigen using DSBA antibody, and (Right) AKT1, AKT2 and AKT3 recombinant antigen using AKT(pan) antibody.

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AKT3 recombinant antigen fragments using AKT(pan) antibody.

注意事项 (Note)

For research use only .