

产品名称: AKT Rabbit Monoclonal Antibody
产品货号: AMRe03759



产品概述 (Summary)

产品名称 (Production Name)	AKT Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human,Mouse,Rat,Hamster

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
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,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 56 kDa; Observed MW: 56 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

产品名称: AKT Rabbit Monoclonal Antibody
产品货号: AMRe03759

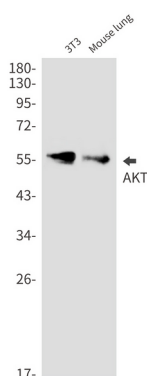


by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

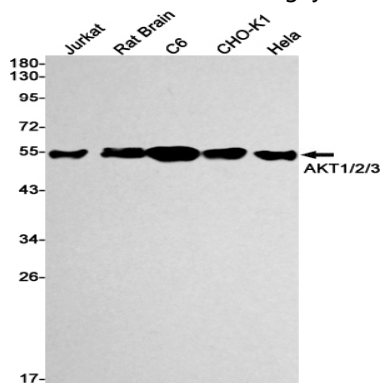
研究领域 (Research Area)

Signal Transduction

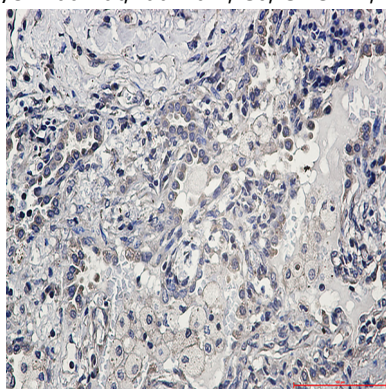
图片 (Image Data)



Western blot analysis of AKT in 3T3, mouse lung lysates using AKT antibody.



Western blot analysis of AKT1/2/3 in Jurkat, rat Brain, C6, CHO-K1, Hela lysates using AKT antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using AKT1/2/3 antibody. High-pressure and

产品名称: AKT Rabbit Monoclonal Antibody
产品货号: AMRe03759



temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .