

**产品名称: Phospho-AKT (Ser129) Rabbit Polyclonal Antibody**  
**产品货号: AP Rab00931**



## 产品概述 (Summary)

|                        |                                                 |
|------------------------|-------------------------------------------------|
| 产品名称 (Production Name) | Phospho-AKT (Ser129) Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody                      |
| 宿主 (Host)              | Rabbit                                          |
| 应用 (Application)       | WB                                              |
| 种属反应性 (Reactivity)     | Human, Mouse, Rat                               |

## 产品性能 (Performance)

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                   |
| 修饰 (Modification)   | Phosphorylated                                                                                 |
| 同种型 (Isotype)       | IgG                                                                                            |
| 克隆 (Clonality)      | Polyclonal                                                                                     |
| 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                                                                                                                                                    |
| 别名 (Alternative Names) | AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; PKB; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha |
| 基因 ID (Gene ID)        | 207                                                                                                                                                     |
| 蛋白 ID (SwissProt ID)   | P31749.                                                                                                                                                 |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000                            |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 56 kDa; Observed MW: 65 kDa |

## 研究背景 (Background)

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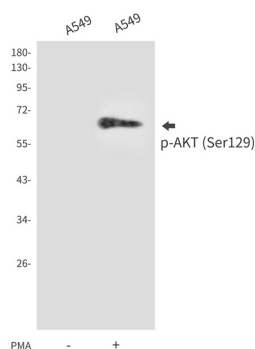


Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

## 研究领域 (Research Area)

Neuroscience

## 图片 (Image Data)



Western blot analysis of Phospho-AKT (Ser129) in A549 lysates using Phospho-AKT (Ser129) antibody.

## 注意事项 (Note)

For research use only .