

**产品名称: Phospho-AKT1 (Thr450) Rabbit Monoclonal Antibody**  
**产品货号: AMRe02836**



## 产品概述 (Summary)

|                        |                                                  |
|------------------------|--------------------------------------------------|
| 产品名称 (Production Name) | Phospho-AKT1 (Thr450) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody           |
| 宿主 (Host)              | Rabbit                                           |
| 应用 (Application)       | WB,IP                                            |
| 种属反应性 (Reactivity)     | Human,Rat                                        |

## 产品性能 (Performance)

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                         |
| 修饰 (Modification)   | Phosphorylated                                                                                       |
| 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                                                                                                                                                    |
| 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,IP 1:20-1:50               |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 56 kDa; Observed MW: 56 kDa |

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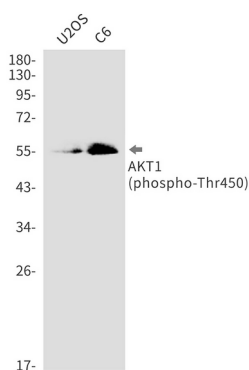
## 研究背景 (Background)

Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated 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-AKT1 (Thr450) in U2OS, C6 lysates using Phospho-AKT1 (Thr450) antibody.

## 注意事项 (Note)

For research use only .