

## 兔抗 AKT1(Ab-308)多克隆抗体

- 中文名称: 兔抗 AKT1(Ab-308)多克隆抗体
- 英文名称: Anti-AKT1(Ab-308) rabbit polyclonal antibody
- 别 名: AKT, PKB, RAC, PRKBA, PKB-ALPHA, RAC-ALPHA
- 相关类别: 一抗
- 抗 原: AKT1(Ab-308)
- 储 存: 冷冻(-20℃)
- 宿 主: Rabbit
- 反应种属: Human, Mouse, Rat
- 标记物: Unconjugate
- 克隆类型: rabbit polyclonal

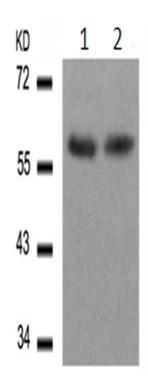
## 技术规格

| Background: | The serine-threonine protein kinase encoded by the<br>AKT1 gene is catalytically inactive in serum-starved p<br>rimary and immortalized fibroblasts. AKT1 and the r<br>elated AKT2 are activated by platelet-derived growth<br>factor. The activation is rapid and specific, and it is<br>abrogated by mutations in the pleckstrin homology<br>domain of AKT1. It was shown that the activation oc<br>curs through phosphatidylinositol 3-kinase. In the de<br>veloping nervous system AKT is a critical mediator o<br>f growth factor-induced neuronal survival. Survival fa<br>ctors can suppress apoptosis in a transcription-indep<br>endent manner by activating the serine/threonine ki<br>nase AKT1, which then phosphorylates and inactivate |
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|                          | s components of the apoptotic machinery. Mutations<br>in this gene have been associated with the Proteus<br>syndrome. Multiple alternatively spliced transcript var<br>iants have been found for this gene. |
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| Applications:            | WB, IHC   |
| Name of antibody:        | AKT1(Ab-308)  |
| Immunogen:               | Synthesized non-phosphopeptide derived from huma<br>n AKT1 around the phosphorylation site of threonin<br>e 308 (M-K-T-F-C)   |
| Full name:               | AKT serine/threonine kinase 1   |
| Synonyms:                | AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALP<br>HA  |
| SwissProt:               | P31749  |
| IHC positive control:    | Human breast carcinoma tissue   |
| IHC Recommend dilution:  | 50-100  |
| WB Predicted band size:  | 56 kDa  |
| WB Positive control:     | HepG2 and Hela cell lysates   |
| WB Recommended dilution: | 500-1000  |





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