

**产品名称: Phospho-mTOR (Thr2446) Rabbit Polyclonal Antibody**  
**产品货号: APRab00932**



## 产品概述 (Summary)

|                        |                                                   |
|------------------------|---------------------------------------------------|
| 产品名称 (Production Name) | Phospho-mTOR (Thr2446) 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)        | MTOR                                                                                                                                                                                                                                             |
| 别名 (Alternative Names) | MTOR; FRAP; FRAP1; FRAP2; RAFT1; RAPT1; Serine/threonine-protein kinase mTOR; FK506-binding protein 12-rapamycin complex-associated protein 1; FKBP12-rapamycin complex-associated protein; Mammalian target of rapamycin; mTOR; Mechanistic tar |
| 基因 ID (Gene ID)        | 2475                                                                                                                                                                                                                                             |
| 蛋白 ID (SwissProt ID)   | P42345.                                                                                                                                                                                                                                          |

## 产品应用 (Application)

|                      |                 |
|----------------------|-----------------|
| 稀释比 (Dilution Ratio) | WB 1:500-1:1000 |
|----------------------|-----------------|

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蛋白分子量 (Molecular Weight)      Calculated MW: 289 kDa; Observed MW: 220 kDa

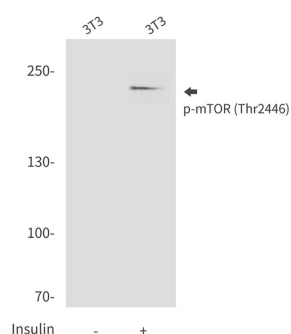
## 研究背景 (Background)

An atypical kinase belonging to the PIKK family of kinases. Controls cell growth through protein synthesis regulation. Downstream of PI3K/Akt pathway and required for cell survival. Acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex.

## 研究领域 (Research Area)

Cell Biology

## 图片 (Image Data)



Western blot analysis of Phospho-mTOR (Thr2446) in 3T3 lysates using Phospho-mTOR (Thr2446) antibody.

## 注意事项 (Note)

For research use only .