

**产品名称: ULK1 (Phospho Ser757) Rabbit Monoclonal Antibody**  
**产品货号: AMRe21107**



## 产品概述 (Summary)

|                        |                                                  |
|------------------------|--------------------------------------------------|
| 产品名称 (Production Name) | ULK1 (Phospho Ser757) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody           |
| 宿主 (Host)              | Rabbit                                           |
| 应用 (Application)       | WB, ICC/IF, ELISA, IP                            |
| 种属反应性 (Reactivity)     | Human, Mouse, Rat                                |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Phospho                                                                                  |
| 修饰 (Modification)   | Phosphorylated                                                                           |
| 同种型 (Isotype)       | IgG, Kappa                                                                               |
| 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)       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein                           |
| 纯化方式 (Purification) | Protein A                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ULK1                                                                                                                         |
| 别名 (Alternative Names) | ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1 |
| 基因 ID (Gene ID)        | 8408.0                                                                                                                       |
| 蛋白 ID (SwissProt ID)   | O75385.                                                                                                                      |

## 产品应用 (Application)

|                          |                                                                             |
|--------------------------|-----------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:2000-1:10000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 113kD; Observed MW: 150kD                                    |

## 研究背景 (Background)

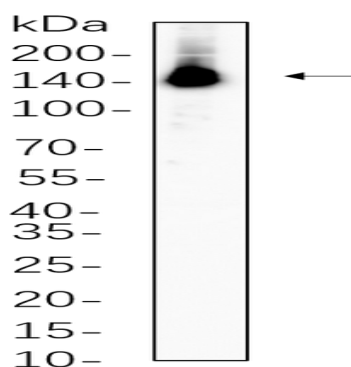
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Cell localization: Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to punctate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome. ..catalytic activity: ATP + a protein = ADP + a phosphoprotein., function: Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells., similarity: Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily., similarity: Contains 1 protein kinase domain., subunit: Interacts with GABARAP and GABARAPL2., tissue specificity: Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.,

## 研究领域 (Research Area)

## 图片 (Image Data)



NIH-3T3 cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with primary antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

## 注意事项 (Note)

For research use only .