

**产品名称: ATG3 Rabbit Polyclonal Antibody**  
**产品货号: APRab01343**



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | ATG3 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody      |
| 宿主 (Host)              | Rabbit                          |
| 应用 (Application)       | WB,IHC,ICC/IF                   |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                 |

## 产品性能 (Performance)

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                       |
| 修饰 (Modification)   | Unmodified                                                                                         |
| 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)       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Chromatography                                                                            |

## 免疫原信息 (Immunogen)

|                        |                                |
|------------------------|--------------------------------|
| 基因名 (Gene Name)        | ATG3                           |
| 别名 (Alternative Names) | APG3; APG3L; PC3-96; APG3-LIKE |
| 基因 ID (Gene ID)        | 64422                          |
| 蛋白 ID (SwissProt ID)   | Q9NT62.                        |

## 产品应用 (Application)

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 36 kDa; Observed MW: 40 kDa       |

## 研究背景 (Background)

E2-like enzyme involved in autophagy and mitochondrial homeostasis. Catalyzes the conjugation of ATG8-like proteins

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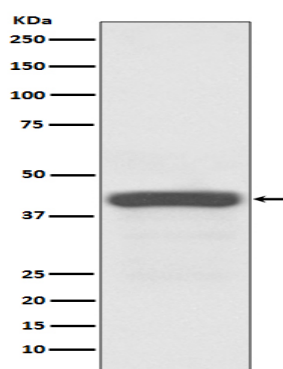


(GABARAP, GABARAPL1, GABARAPL2 or MAP1LC3A) to phosphatidylethanolamine (PE). Catalyzing the conjugation of ATG12 to itself, ATG12 conjugation to ATG3 playing a role in mitochondrial homeostasis but not in autophagy. ATG7 (E1-like enzyme) facilitates this reaction by forming an E1-E2 complex with ATG3.

## 研究领域 (Research Area)

Cell Biology

## 图片 (Image Data)



Western blot analysis of Apg3 (Atg3) in Jurkat lysates using ATG3 antibody.

## 注意事项 (Note)

For research use only .