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# Atg7(Apg7) Rabbit mAb

货号: **AYM28615**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	68kDa/75kDa/77kDa
实测分子量	77kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,Rat testis
细胞定位	Cytoplasm,Preautophagosomal structure
纯化	Affinity purification

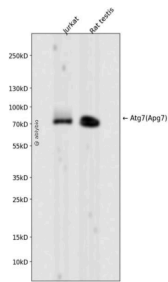
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Atg7(Apg7).
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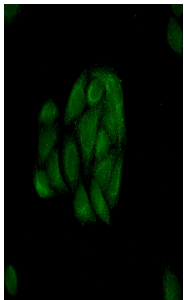
## 靶点信息

研究背景	This gene encodes an E1-like activating enzyme that is essential for autophagy and cytoplasmic to vacuole transport. The encoded protein is also thought to modulate p53-dependent cell cycle pathways during prolonged metabolic stress. It has been associated with multiple functions, including axon membrane trafficking, axonal homeostasis, mitophagy, adipose differentiation, and hematopoietic stem cell maintenance. Alternative splicing results in multiple transcript variants.
基因ID	10533
基因名	ATG7
Swiss	O95352 ( <a href="https://www.uniprot.org/uniprotkb/O95352/entry">https://www.uniprot.org/uniprotkb/O95352/entry</a> )
别名	Atg7(Apg7),Atg7(Apg7) Rabbit mAb,ATG7,ATG12-activating enzyme E1 ATG7,Autophagy-related protein 7,Ubiquitin-activating enzyme E1-like protein,APG7L

## 产品验证



Western blot analysis of Atg7(Apg7) expressed in Jurkat,Rat testis using Atg7(Apg7) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunofluorescence analysis of HeLa cells labelling Atg7 with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

## 实验步骤

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