

# ATG5 Rabbit mAb

货号: **AYM28567**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	<a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a> <a href="#">IP</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50
理论分子量	22kDa/32kDa
实测分子量	55kDa
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	HepG2,NIH/3T3,K-562,C6,SH-SY5Y
细胞定位	Cytoplasm,Peripheral membrane protein,Preautophagosomal structure membrane
纯化	Affinity purification

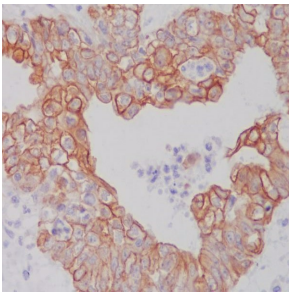
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ATG5.
序列	MTDDKDVLRDVWFGRIPTCFTLYQDEITEREAEPYLLLPVSYLTLVTDKVKKHFQKVMRQEDISEIWFHEYEGTPLKWHYP IGLLFDLLASSSALPWNITVHFKSFPEKDLLHCPKDAIEAHFMSCMKEADALKHKSQVINEMQKDKHKQLWMGLQNDRF DQFWAINRKLMEYPAEENGFRIYIPFRIYQTTTTERPFIQKLFPRVAADGQLHTLGDLLKEVCPSAIDPEDGEKKNQVMIHGIEP MLETPLQWLSEHLSYPDNFLHISIIPQPTD

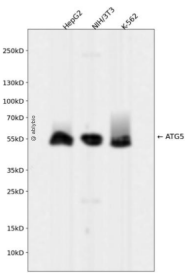
## 靶点信息

研究背景	The protein encoded by this gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Several transcript variants encoding different protein isoforms have been found for this gene.
基因ID	9474
基因名	ATG5
Swiss	Q9H1Y0
别名	ATG5;APG5;APG5-LIKE;APG5L;ASP;hAPG5

## 产品验证



Immunohistochemical analysis of paraffin-embedded human ovarian cancer, using ATG5 Antibody.



Western blot analysis of ATG5 expressed in HepG2,NIH/3T3,K-562 using ATG5 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.

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn)