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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	WB IHC IF/ICC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 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

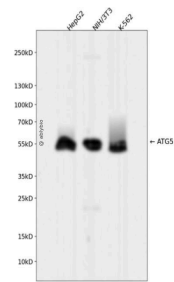
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ATG5.
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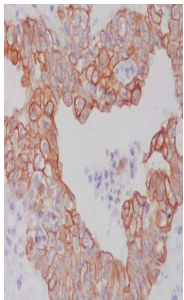
靶点信息

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 (https://www.uniprot.org/uniprotkb/Q9H1Y0/entry)
别名	ATG5,ATG5 Rabbit mAb,APG5-like,Apoptosis-specific protein,APG5L,ASP

产品验证



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.



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

实验步骤

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