

ATG7 Rabbit mAb

货号: **AYM29074**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP FC
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 FC: 1:20 - 1:50
理论分子量	68kDa/75kDa/77kDa
实测分子量	78kDa
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

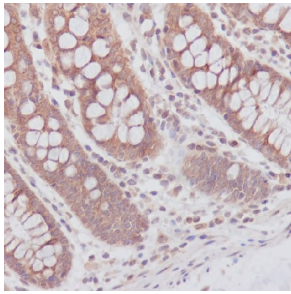
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ATG7.
序列	LGFDTFVVMRHGLKKPKQQGAGDLCPNHPVASADLLGSSLFANIPGYKLGCFYFCNDVVAPGDSTRDRTLDDQQCTVSRP GLAVIAGALAVELMVSVLQHPGGYAIASSDDRMNEPPTSLGLVPHQIRGFLSRFDNVLPVSLAFDKCTACSSKVLDDQYE REGFNFLAKVFNSSHSFL

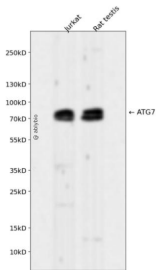
靶点信息

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
别名	ATG7;APG7-LIKE;APG7L;GSA7;Apg7/Atg7

产品验证



Immunohistochemical analysis of paraffin-embedded human colon, using ATG7 Antibody.



Western blot analysis of ATG7 expressed in Jurkat, Rat testis using ATG7 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

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