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# ATG9A Rabbit mAb

货号: **AYM31379**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50
理论分子量	60kDa/87kDa/94kDa
实测分子量	94kDa
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	Mouse liver
细胞定位	Cytoplasmic vesicle,Endoplasmic reticulum membrane,Golgi apparatus,Late endosome membrane,Multi-pass membrane protein,autophagosome membrane,trans-Golgi network membrane
纯化	Affinity purification

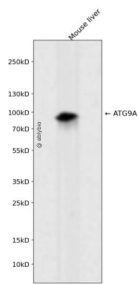
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ATG9A.
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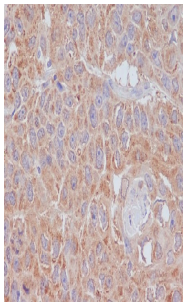
## 靶点信息

研究背景	Phospholipid scramblase involved in autophagy by mediating autophagosomal membrane expansion. Cycles between the preautophagosomal structure/phagophore assembly site (PAS) and the cytoplasmic vesicle pool and supplies membrane for the growing autophagosome. Lipid scramblase activity plays a key role in preautophagosomal structure/phagophore assembly by distributing the phospholipids that arrive through ATG2 (ATG2A or ATG2B from the cytoplasmic to the luminal leaflet of the bilayer, thereby driving autophagosomal membrane expansion. Also required to supply phosphatidylinositol 4-phosphate to the autophagosome initiation site by recruiting the phosphatidylinositol 4-kinase beta (PI4KB) in a process dependent on ARFIP2, but not ARFIP1. In addition to autophagy, also plays a role in necrotic cell death (By similarity).
基因ID	79065
基因名	ATG9A
Swiss	Q7Z3C6
别名	ATG9A,ATG9A Rabbit mAb,APG9-like 1,mATG9,APG9L1

## 产品验证



Western blot analysis of ATG9A expressed in Mouse liver using ATG9A 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 lung cancer, using ATG9A Antibody.

## 实验步骤

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