

ATG9A (17B9) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01664

Product information

产品货号	HZ-YMA01664
别名	ATG9 autophagy related 9 homolog A;S. cerevisiae;APG9L1
产品名称	ATG9A (17B9) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	ATG9A
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	79065
Human Swissprot No.	Q7Z3C6
稀释度	IHC-P 1:200-1:1000;WB 1:10000-1:50000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200
参考分子量	100-110kDa
预测分子量	94kDa
运输及保存条件	Biological ice bag transportation. Store at -20℃ for at least 12 months(Do not lower than -25℃). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	function:Plays a role in autophagy. ,similarity:Belongs to the ATG9 family. ,
细胞定位	Preautophagosomal structure membrane ; Multi-pass membrane protein . Cytoplasmic vesicle , autophagosome membrane ; Multi-pass membrane protein . Golgi apparatus , trans-Golgi network membrane ; Multi-pass membrane protein . Late endosome membrane ; Multi-pass membrane protein . Recycling endosome membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Mitochondrion membrane ; Multi-pass membrane protein . Mainly localizes to the trans-Golgi network (TGN) and the endosomal system; cycles between them through vesicle trafficking (PubMed:27316455 , PubMed:27663665) . Export from the TGN to promote formation of autophagosomes is mediated by the AP-4 complex (PubMed:29180427 , PubMed:30262884) . Under amino acid starvation or rapamycin treatment , redistributes to preautophagosomal structure/phagophore assembly site (PAS) (PubMed:16940348) . The starvation-induced redistribution depends on ULK1 , ATG13 , as well as SH3GLB1 (PubMed:16940348) . Upon autophagy induction , a small portion transiently localizes to the autophagic membranes (PubMed:22456507) . Recruited to damaged mitochondria during mitophagy in a RIMOC1-dependent manner (PubMed:34432599) . .
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Clonality	Monoclonal