

Atg9a Rabbit Polyclonal Antibody

Catalog# UZ-PA01361

Product information

产品货号	UZ-PA01361
别名	ATG9 autophagy related 9 homolog A (S. cerevisiae);APG9L1
产品名称	Atg9a Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ATG9A
推荐应用	WB,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	79065
Human Swissprot No.	Q7Z3C6
免疫原	Synthetic Peptide of Atg9a
稀释度	WB 1:500-2000, ELISA 1:10000-20000
预测分子量	85kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
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	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal