

ATG14 Rabbit pAb

货号: **B10691**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IP: Nicotiana tabacum
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	42kDa/55kDa
实测分子量	65KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,SH-SY5Y,Neuro-2a
细胞定位	Cytoplasm,Cytoplasmic vesicle,Endoplasmic reticulum membrane,Peripheral membrane protein,Preautophagosomal structure membrane,autophagosome membrane
纯化	Affinity purification

抗原信息

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序列	SKQKFTRAVKKLNANILYLCFSQHVNLDQLQLHTLRNLMYLVSPSSEHLGRSGPFVEVRADLEESMEFVDPGVAGESDES GDERVSDEETDLGTDWENLPS

靶点信息

研究背景	Required for both basal and inducible autophagy. Determines the localization of the autophagy-specific PI 3-kinase complex PI3KC3-C1. Plays a role in autophagosome formation and MAP1LC3/LC3 conjugation to phosphatidylethanolamine. Promotes BECN1 translocation from the trans-Golgi network to autophagosomes. Enhances PIK3C3 activity in a BECN1-dependent manner. Essential for the autophagy-dependent phosphorylation of BECN1. Stimulates the phosphorylation of BECN1, but suppresses the phosphorylation PIK3C3 by AMPK. Binds to STX17-SNAP29 binary t-SNARE complex on autophagosomes and primes it for VAMP8 interaction to promote autophagosome-endolysosome fusion. Modulates the hepatic lipid metabolism (By similarity).
基因ID	22863
基因名	ATG14
Swiss	Q6ZNE5
别名	ATG14;ATG14L;BARKOR;KIAA0831

产品验证

实验步骤

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