

产品名称: Apg12 (18O8) Rabbit Monoclonal Antibody
产品货号: AMRe07005



产品概述 (Summary)

产品名称 (Production Name)	Apg12 (18O8) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATG12
别名 (Alternative Names)	APG12-like; APG12L; ATG12; Autophagy 12; FBR93; HAPG12;
基因 ID (Gene ID)	9140.0
蛋白 ID (SwissProt ID)	O94817.A synthetic peptide of human Apg12

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:50-1:200,ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	15kDa

研究背景 (Background)

Ubiquitin-like protein required for autophagy. Conjugated to ATG3 and ATG5. Ubiquitin-like protein involved in autophagy

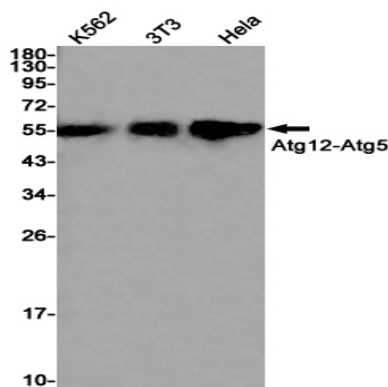
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vesicles formation. Conjugation with ATG5 through a ubiquitin-like conjugating system involving also ATG7 as an E1-like activating enzyme and ATG10 as an E2-like conjugating enzyme, is essential for its function. The ATG12-ATG5 conjugate acts as an E3-like enzyme which is required for lipidation of ATG8 family proteins and their association to the vesicle membranes.

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of Apg12 in K562,3T3,HeLa cell lysates using Apg12 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .