

产品名称: ATG4A Rabbit Monoclonal Antibody
产品货号: AMRe85321



产品概述 (Summary)

产品名称 (Production Name)	ATG4A Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
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)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATG4A ATG4A; APG4A; AUTL2; Cysteine protease ATG4A; AUT-like 2 cysteine endopeptidase; Autophagin-2; Autophagy-related cysteine endopeptidase 2; Autophagy-related protein 4 homolog A; hAPG4A
别名 (Alternative Names)	
基因 ID (Gene ID)	115201.0
蛋白 ID (SwissProt ID)	Q8WYN0.A synthetic peptide of human ATG4A

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, IHC 1:50-1:100, IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 45 kDa; Observed MW: 45 kDa

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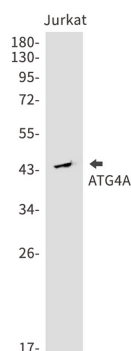
研究背景 (Background)

The cysteine protease Atg4 is pivotal to autophagosome membrane generation and regulation. Atg4 primes the Atg8 homologue for lipidation by cleaving its carboxy terminus and exposing its glycine residue for E1-like enzyme Atg7. The Atg8 homologue is transferred to the E2-like enzyme Atg3 before forming the Atg8-PE conjugate. During later stages of autophagy, Atg4 can reverse this lipidation event by cleaving PE, thereby recycling the Atg8 homologue.

研究领域 (Research Area)

Autophagy

图片 (Image Data)



Western blot analysis of ATG4A in Jurkat lysates using ATG4A antibody.

注意事项 (Note)

For research use only .