

产品名称: ATG3 Rabbit Monoclonal Antibody
产品货号: AMRe85320



产品概述 (Summary)

产品名称 (Production Name)	ATG3 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	ATG3
别名 (Alternative Names)	APG3; APG3L; PC3-96; APG3-LIKE
基因 ID (Gene ID)	64422.0
蛋白 ID (SwissProt ID)	Q9NT62.A synthetic peptide of human ATG3

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 36 kDa; Observed MW: 40 kDa

研究背景 (Background)

E2-like enzyme involved in autophagy and mitochondrial homeostasis. Catalyzes the conjugation of ATG8-like proteins

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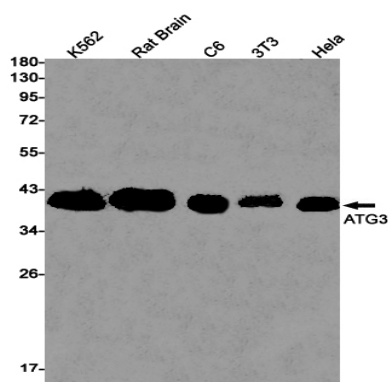


(GABARAP, GABARAPL1, GABARAPL2 or MAP1LC3A) to phosphatidylethanolamine (PE). Catalyzing the conjugation of ATG12 to itself, ATG12 conjugation to ATG3 playing a role in mitochondrial homeostasis but not in autophagy. ATG7 (E1-like enzyme) facilitates this reaction by forming an E1-E2 complex with ATG3.

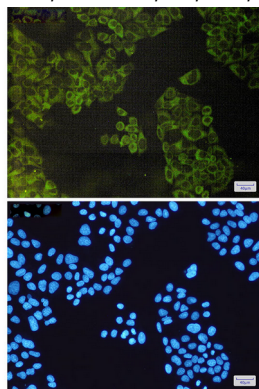
研究领域 (Research Area)

Autophagy

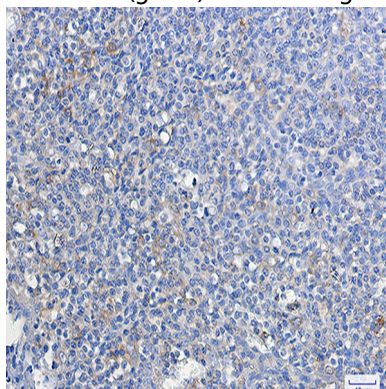
图片 (Image Data)



Western blot analysis of ATG3 in K562, rat Brain, C6, 3T3, HeLa lysates using ATG3 antibody.



Immunocytochemistry analysis of ATG3(green) in HeLa using ATG3 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using ATG3 antibody. High-pressure and temperature

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Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .