

产品名称: ATG7 Rabbit Polyclonal Antibody
产品货号: APRab00080



产品概述 (Summary)

产品名称 (Production Name)	ATG7 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,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)	Polyclonal
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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATG7
别名 (Alternative Names)	hAGP7; Ubiquitin-activating enzyme E1-like protein; APG7L
基因 ID (Gene ID)	10533
蛋白 ID (SwissProt ID)	O95352.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 78 kDa; Observed MW: 78 kDa

研究背景 (Background)

The molecular machinery of autophagy was largely discovered in yeast and referred to as autophagy-related (Atg) genes.

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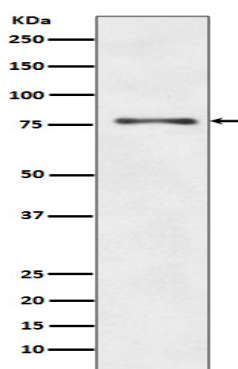


Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.

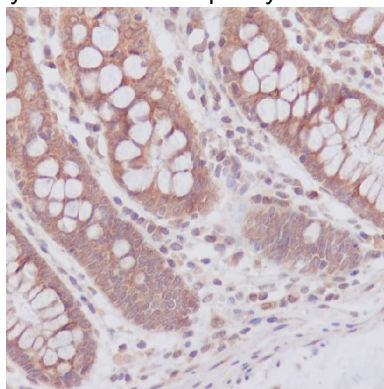
研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot analysis of ATG7 in HepG2 lysates using ATG7 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon using ATG7 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .