产品名称：ATG10 Rabbit Polyclonal Antibody
产品货号：APRab07282

产品概述（Summary）

产品名称（Production Name）	ATG10 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	IHC,ICC/IF,ELISA
种属反应性（Reactivity）	Human,Rat,Mouse

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）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	ATG10 APG10L PP12616
别名（Alternative Names）	Ubiquitin-like-conjugating enzyme ATG10 (EC 6.3.2.-;Autophagy-related protein 10;APG10-like)
基因 ID（Gene ID）	83734.0
蛋白 ID（SwissProt ID）	Q9H0Y0.Synthetic peptide from human protein at AA range: 1-50

产品应用（Application）

稀释比（Dilution Ratio）	IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量（Molecular Weight）	

研究背景（Background）

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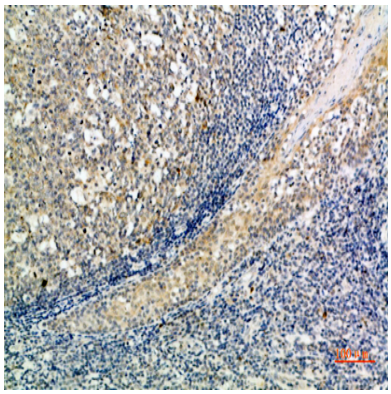
Autophagy is a process for the bulk degradation of cytosolic compartments by lysosomes. ATG10 is an E2-like enzyme involved in 2 ubiquitin-like modifications essential for autophagosome formation: ATG12 (MIM 609608)-ATG5 (MIM 604261) conjugation and modification of a soluble form of MAP-LC3 (MAP1LC3A; MIM 601242), a homolog of yeast Apg8, to a membrane-bound form (Nemoto et al., 2003 [PubMed 12890687]).[supplied by OMIM, Mar 2008],function:Plays a role in autophagy (By similarity). ATG12-conjugating enzyme (E2-like enzyme), likely serves as an ATG5-recognition molecule.,similarity:Belongs to the ATG10 family.,subunit:Interacts with MAP1LC3A. By interacting with MAP1LC3A, it plays a role in the conjugation of ATG12 to ATG5. Also able to directly interact either with ATG5 or ATG7.,

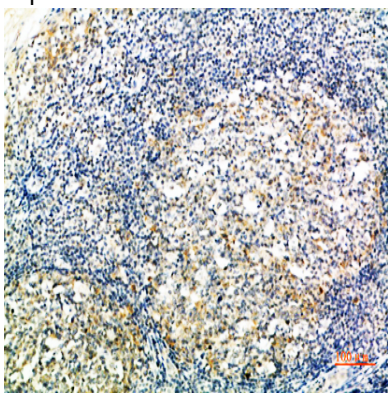
研究领域（Research Area）

Cell Biology

图片（Image Data）



Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200

注意事项（Note）

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