



ATG10 rabbit pAb

Cat No.:ES8763

For research use only

Overview

Product Name	ATG10 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	IHC-p 1:50-200, ELISA 1:10000-20000
Immunogen	Synthetic peptide from human protein at AA range: 1-50
Specificity	The antibody detects endogenous ATG10
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ubiquitin-like-conjugating enzyme ATG10 (EC 6.3.2.-) (Autophagy-related protein 10) (APG10-like)
Gene Name	ATG10 APG10L PP12616
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	83734
Human Swiss-Prot Number	Q9H0Y0
Alternative Names	Ubiquitin-like-conjugating enzyme ATG10 (EC 6.3.2.-;Autophagy-related protein 10;APG10-like)
Background	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

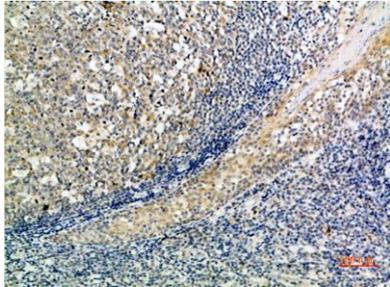




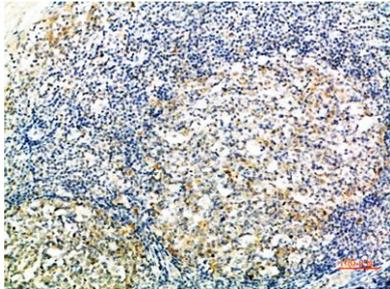
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(Nemoto et al., 2003 [PubMed 12890687]).[supplied by OMIM, Mar 2008],

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



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