

ATG4a Rabbit rabbit pAb

Cat No.:ES20829

For research use only

Overview

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|--------------------------|--|
| Product Name | ATG4a Rabbit rabbit pAb |
| Host species | Rabbit |
| Applications | IHC;IF |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | IHC-p 1:50-300 |
| Immunogen | Recombinant Protein of ATG4a |
| Specificity | The antibody detects endogenous ATG4a protein |
| 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 | Cysteine protease ATG4A (EC 3.4.22.-) (AUT-like 2 cysteine endopeptidase) (Autophagin-2) (Autophagy-related cysteine endopeptidase 2) (Autophagy-related protein 4 homolog A) (hAPG4A) |
| Gene Name | ATG4A APG4A AUTL2 |
| 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 | 45kD |
| Human Gene ID | 115201 |
| Human Swiss-Prot Number | Q8WYN0 |
| Alternative Names | Cysteine protease ATG4A (EC 3.4.22.-;AUT-like 2 cysteine endopeptidase;Autophagin-2;Autophagy-related cysteine endopeptidase 2;Autophagy-related protein 4 homolog A;hAPG4A) |
| Background | Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling |





during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. [provided by RefSeq, Mar 2016],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).

