

ATG10

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 25kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ATG10

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

APG10; APG10L; pp12616;

Catalog #: A7390

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 83734

Isotype: IgG

Swiss Prot: Q9H0Y0

Purity: Affinity purification

For research use only.

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 (Nemoto et al., 2003)

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