

## ATG10

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**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;

**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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**Catalog #:**A7390

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**83734

**Isotype:**IgG

**Swiss Prot:**Q9H0Y0

**Purity:**Affinity purification

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