ATG10 Polyclonal Antibody

Catalog No. E-AB-10812

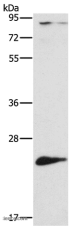
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

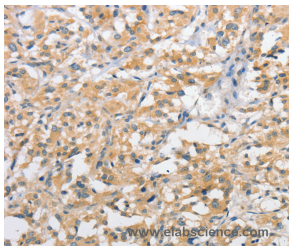
Reactivity	Human,Mouse
Immunogen	Recombinant protein of human ATG10
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
WB	1:200-1:1000
IHC	1:50-1:200

Data



Western Blot analysis of Mouse liver tissue using ATG10 Polyclonal Antibody at dilution of 1:500
Calculated Mw:25kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer using ATG10 Polyclonal Antibody at dilution of 1:60

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

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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