

Recombinant ATG3 Monoclonal Antibody

catalog number: **AN300723L**

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

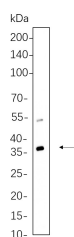
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human ATG3 protein
Host	Rabbit
Isotype	IgG, κ
Clone	11A5
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

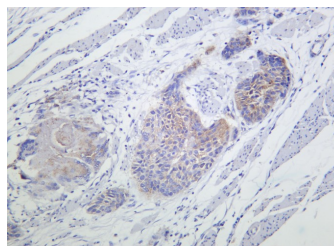
WB	1:500-1:3000
IHC	1:200-1:1000

Data



Western Blot with Recombinant ATG3 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: 3T3-L1 cell lysate.

Observed-MW:36 kDa
Calculated-MW:36 kDa



Immunohistochemistry of paraffin-embedded human esophageal cancer using Recombinant ATG3 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms.

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