

Product Name: ATG7 Rabbit Monoclonal Antibody
Catalog #: AMRe01586



Summary

Production Name	ATG7 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	ATG7
Alternative Names	hAGP7; Ubiquitin-activating enzyme E1-like protein; APG7L
Gene ID	10533
SwissProt ID	O95352.

Application

Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 78 kDa; Observed MW: 78 kDa

Background

The molecular machinery of autophagy was largely discovered in yeast and referred to as autophagy-related (Atg) genes.

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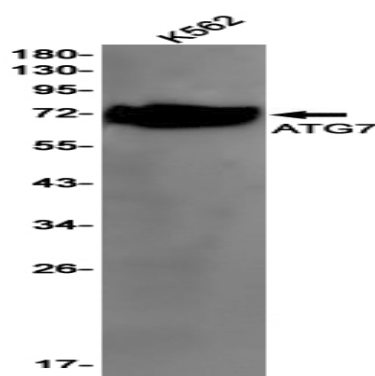


Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.

Research Area

Cell Biology

Image Data



Western blot analysis of ATG7 in K562 lysates using ATG7 antibody.

Note

For research use only.