

ATG7 Polyclonal Antibody

Catalog Number OSA00019W

Product data sheet

Details		Species Reactivity	
Size	150 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	Dilution * 1:100-1:2,000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	A synthetic peptide from c-terminal region of human autophagy-related protein 7		
Conjugate	Unconjugated		
Form	Lyophilized		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Glycerol (1:1) may be added for additional stability. Reconstitute with 150 µL of distilled water. Centrifuge to remove insoluble material.

Background/Target Information

This gene was identified based on homology to Pichia pastoris GSA7 and Saccharomyces cerevisiae APG7. In the yeast, the protein appears to be required for fusion of peroxisomal and vacuolar membranes. The protein shows homology to the ATP-binding and catalytic sites of the E1 ubiquitin activating enzymes.

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