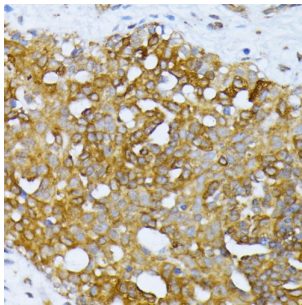
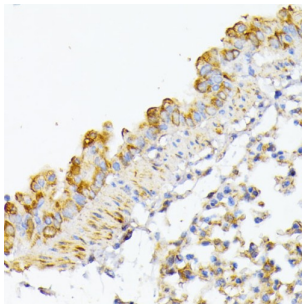


Autophagy Related Protein 7 (ATG7) Antibody

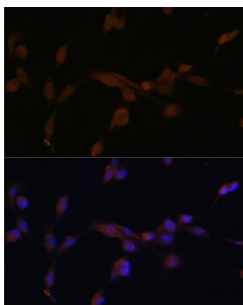
Catalogue No.: abx000826



Immunohistochemistry of paraffin-embedded Human breast cancer using ATG7 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse lung using ATG7 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of NIH/3T3 cells using ATG7 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

ATG7 Antibody is a Rabbit Polyclonal antibody against ATG7. 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.

Target: Autophagy Related Protein 7 (ATG7)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: IHC, IF/ICC

Host: Rabbit

Recommended dilutions: IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 3.0.0
Revision date: 06 Jun 2025



Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human ATG7
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O95352 (UniProt , ExPASy)
Gene Symbol:	ATG7
GeneID:	10533
NCBI Accession:	NP_006386.1
KEGG:	hsa:10533
String:	9606.ENSP00000346437
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.