

Rabbit anti-Human ATG7 Polyclonal Antibody | anti-ATG7 antibody

ATG7 Polyclonal Antibody

CATALOG # AAA174347	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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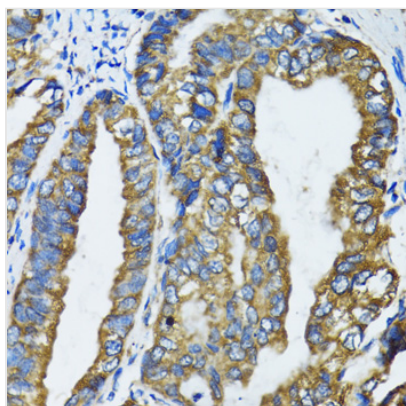
PRODUCT SYNONYMS

ATG7; Polyclonal Antibody; ATG7 Polyclonal Antibody; 1810013K23Rik; Apg 7; APG7 autophagy 7 like; APG7 autophagy 7-like (S. cerevisiae); APG7 like; APG7; S. cerevisiae; homolog of; APG7-like; APG7L; ATG 7; ATG12-activating enzyme E1 ATG7; ATG7 autophagy related 7 homolog (S. cerevisiae); ATG7 autophagy related 7 homolog; Atg7l; Autophagy 7; Autophagy related protein 7; Autophagy-related 7 (yeast); Autophagy-related protein 7; DKFZp434N0735; GSA 7; GSA7; hAGP7; Ubiquitin activating enzyme E1 like protein; Ubiquitin-activating enzyme E1-like protein; Ubiquitin-like modifier-activating enzyme ATG7; anti-ATG7 antibody

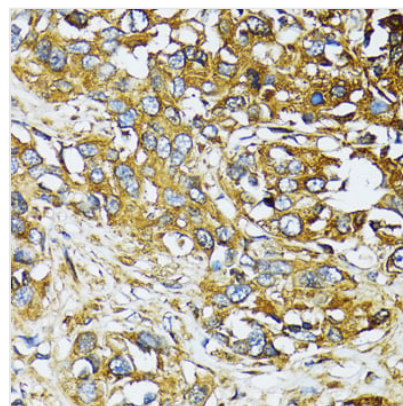
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	676
Applicable Applications for anti-ATG7 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein of human ATG7
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

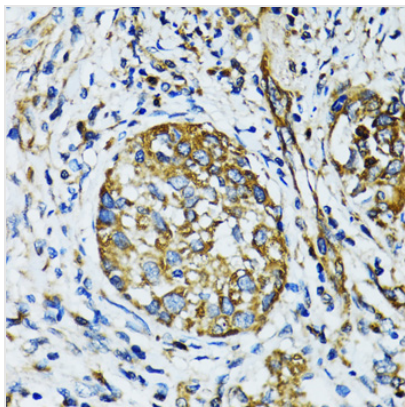
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using ATG7 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using ATG7 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using ATG7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG7 antibody	This gene encodes an E1-like activating enzyme that is essential for autophagy and cytoplasmic to vacuole transport. The encoded protein is also thought to modulate p53-dependent cell cycle pathways during prolonged metabolic stress. It has been associated with multiple functions, including axon membrane trafficking, axonal homeostasis, mitophagy, adipose differentiation, and hematopoietic stem cell maintenance. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-ATG7 antibody	Cancer; Cell Biology; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	222144227
NCBI GeneID	10533
NCBI Accession #	NP_001129503.2
NCBI GenBank Nucleotide #	NM_001136031.2
UniProt Accession #	O95352; Q7L8L0; Q9BWP2; Q9UFH4; B4E170; E9PB95
Molecular Weight	68kDa; 75kDa; 77kDa
NCBI Official Full Name	ubiquitin-like modifier-activating enzyme ATG7 isoform b
NCBI Official Synonym Full Names	autophagy related 7
NCBI Official Symbol	ATG7
NCBI Official Synonym Symbols	GSA7; APG7L; APG7-LIKE
NCBI Protein Information	ubiquitin-like modifier-activating enzyme ATG7
UniProt Protein Name	Ubiquitin-like modifier-activating enzyme ATG7
UniProt Gene Name	ATG7
UniProt Synonym Gene Names	APG7L; APG7-like; hAGP7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.