

Rabbit anti-Human ATG5 Polyclonal Antibody | anti-ATG5 antibody

ATG5 Polyclonal Antibody

CATALOG # AAA174530	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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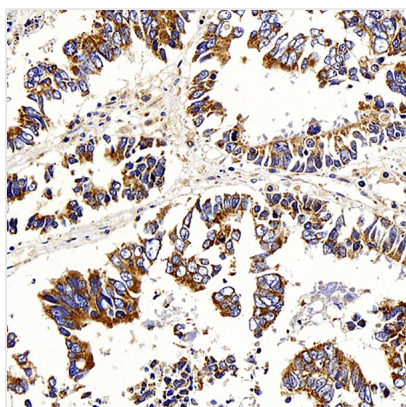
PRODUCT SYNONYMS

ATG5; Polyclonal Antibody; ATG5 Polyclonal Antibody; APG 5; APG 5L; APG5; APG5 autophagy 5 like; APG5 like; APG5-like; APG5L; Apoptosis specific protein; Apoptosis-specific protein; ASP; ATG 5; Atg5; ATG5 autophagy related 5 homolog; Autophagy protein 5; Autophagy related 5; hAPG5; Homolog of S Cerevisiae autophagy 5; OTTHUMP00000040507; anti-ATG5 antibody

PRODUCT SPECIFICATIONS

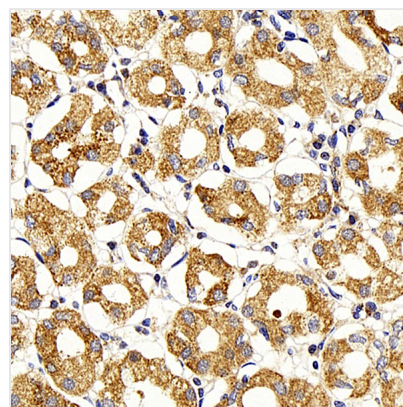
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence Length	197
Applicable Applications for anti-ATG5 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to mouse ATG5
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



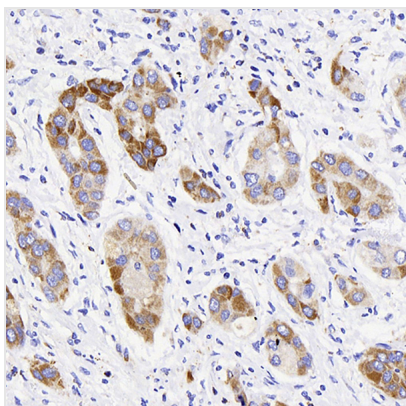
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human stomach cancer using ATG5 Polyclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon cancer using ATG5 Polyclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver cancer using ATG5 Polyclonal Antibody at dilution of 1:400.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG5 antibody	ATG5, also named as APG5L and ASP, belongs to the ATG5 family. It is required for autophagy. It plays an important role in the apoptotic process, possibly within the modified cytoskeleton. Its expression is a relatively late event in the apoptotic process, occurring downstream of caspase activity. Autophagy is a catabolic process for the autophagosomic-lysosomal degradation of bulk cytoplasmic contents. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. It mediates autophagosome-independent host protection.
Product Categories/Family for anti-ATG5 antibody	Cancer; Cell Biology; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	554790362
NCBI GeneID	9474
NCBI Accession #	NP_001273035.1
NCBI GenBank Nucleotide #	NM_001286106.1
UniProt Accession #	Q9H1Y0; O60875; Q5JVR2; Q68DI4; Q9H2B8; Q9HCZ7
Molecular Weight	22,931 Da
NCBI Official Full Name	autophagy protein 5 isoform a
NCBI Official Synonym Full Names	autophagy related 5
NCBI Official Symbol	ATG5
NCBI Official Synonym Symbols	ASP; APG5; APG5L; hAPG5; SCAR25; APG5-LIKE
NCBI Protein Information	autophagy protein 5
UniProt Protein Name	Autophagy protein 5
UniProt Gene Name	ATG5
UniProt Synonym Gene Names	APG5L; ASP

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.