

Rabbit ATG5 Polyclonal Antibody | anti-ATG5 antibody

ATG5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168351	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ATG5; Polyclonal Antibody; ATG5 Polyclonal Antibody; ASP; APG5; APG5L; hAPG5; APG5-LIKE; anti-ATG5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.9mg/mL (varies by lot)
Sequence Length	275
Applicable Applications for anti-ATG5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human ATG5
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



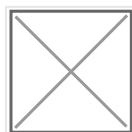
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using ATG5 Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using ATG5 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of NIH/3T3 and A172 cell using ATG5 Polyclonal Antibody at dilution of 1:475

ADDITIONAL INFORMATION

Related Product Information for anti-ATG5 antibody

Autophagy protein 5 is a protein that in humans is encoded by the ATG5 gene. It is an E3 ubiquitin ligase which is necessary for autophagy due to its role in autophagosome elongation. It is activated by ATG7 and forms a complex with ATG12 and ATG16L1. This complex is necessary for LC3-1 conjugation to PE to form LC3-II.

NCBI AND UNIPROT INFORMATION

NCBI GI #	442092992
NCBI GeneID	9474
Molecular Weight	22,931 Da
NCBI Official Full Name	ATG5
NCBI Official Synonym Full Names	autophagy related 5
NCBI Official Symbol	ATG5
NCBI Official Synonym Symbols	ASP; APG5; APG5L; hAPG5; APG5-LIKE
NCBI Protein Information	autophagy protein 5; ATG5 autophagy related 5 homolog; apoptosis-specific protein
UniProt Protein Name	Autophagy protein 5
UniProt Gene Name	ATG5
UniProt Synonym Gene Names	APG5L; ASP
UniProt Entry Name	ATG5_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atg5-antibody-immunohistochemistry-western-blot-elisa/168351>