

Rabbit ATG7 Polyclonal Antibody | anti-ATG7 antibody

ATG7 Antibody

CATALOG # AAA168620	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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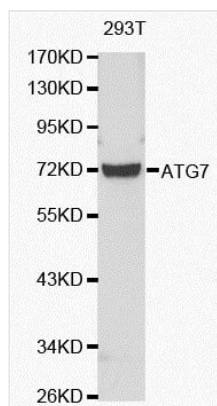
PRODUCT SYNONYMS

ATG7; Polyclonal Antibody; ATG7 Antibody; APG7-LIKE; APG7L; DKFZp434N0735; GSA7; anti-ATG7 antibody

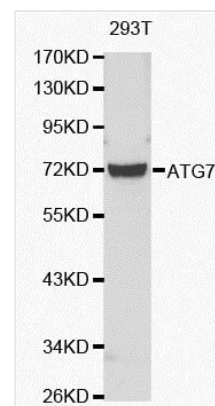
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	70
Applicable Applications for anti-ATG7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ATG7
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8668 / sc-12497 / sc-33211
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



Application Data


WB (Western Blot)

Western blot analysis of 293T cell lysate using ATG7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG7 antibody	Autophagy is a catabolic process for the autophagosomic-lysosomal degradation of bulk cytoplasmic contents (1, 2). Autophagy is generally activated by conditions of nutrient deprivation but has also been associated with a number of physiological processes including development, differentiation, neurodegeneration, infection, and cancer (3). The molecular machinery of autophagy was largely discovered in yeast and referred to as autophagy-related (Atg) genes. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles (4-6). This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10 (7, 8).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	728749497
NCBI Official Full Name	Atg7

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/atg7-antibody-immunohistochemistry-western-blot-elisa/168620>