

Rabbit ATG8 Polyclonal Antibody | anti-ATG8 antibody

ATG8 Antibody; HRP conjugated

CATALOG # AAA114282	HOST Rabbit	REACTIVITY Candida glabrata	APPLICATIONS ELISA
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PRODUCT SYNONYMS

ATG8; Polyclonal Antibody; ATG8 Antibody; HRP conjugated; Autophagy-related protein 8 (Autophagy-related ubiquitin-like modifier ATG8); AUT7; anti-ATG8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Candida glabrata
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	118
Applicable Applications for anti-ATG8 antibody	ELISA
Immunogen	Recombinant Candida glabrata Autophagy-related protein 8 protein (1-116AA)
Conjugation	HRP
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Research Area	Others
Immunogen Species	Candida glabrata
Target Names	ATG8
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG8 antibody	Ubiquitin-like modifier involved in cytoplasm to vacuole transport (Cvt) vesicles and autophagosomes formation. With ATG4, mediates the delivery of the vesicles and autophagosomes to the vacuole via the microtubule cytoskeleton. Required for selective autophagic degradation of the nucleus (nucleophagy) as well as for mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production. Participates also in membrane fusion events that take place in the early secretory pathway. Also involved in endoplasmic reticulum-specific autophagic process and is essential for the survival of cells subjected to severe ER stress. The ATG8-PE conjugate mediates tethering between adjacent membranes and stimulates membrane hemifusion, leading to expansion of the autophagosomal membrane during autophagy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50285085
NCBI GeneID	2886410
NCBI Accession #	XP_444971.1
NCBI GenBank Nucleotide #	XM_444971.1
UniProt Accession #	Q6FXR8
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	CAGL0A04675g
NCBI Protein Information	hypothetical protein
UniProt Protein Name	Autophagy-related protein 8
UniProt Gene Name	ATG8
UniProt Synonym Gene Names	AUT7
UniProt Entry Name	ATG8_CANGA

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://www.aaabiotech.com/polyclonal/atg8-antibody-elisa/114282>