

Product Datasheet

ATG3/APG3 Antibody

R-159-100

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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R-159-100**ATG3/APG3 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 0.1 ml sterilized water.
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	36 kDa

Product Description	
Host	Rabbit
Gene ID	64422
Gene Symbol	ATG3
Species	Human, Rat, Bovine
Reactivity Notes	Human, rat. Bovine reactivity reported in scientific literature (PMID: 24895572) The peptide is homologous with the corresponding sequence derived from ATG3 protein in mouse, rat, <i>S. cerevisiae</i> , <i>Macaca mulatta</i> (monkey) and <i>Canis familiaris</i> (dog).
Immunogen	A synthetic peptide corresponding to a central region of the human ATG3 protein conjugated to Blue Carrier Protein has been used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:150-1:3000, Immunohistochemistry 1:150-1:3000, Immunocytochemistry/Immunofluorescence 1:150-1:3000, Immunohistochemistry-Paraffin 1:150-1:3000

Publications

Zielniok K, Sobolewska A, Gajewska M. Mechanisms of autophagy induction by sex steroids in bovine mammary epithelial cells. *J. Mol. Endocrinol.* 2017-04-20 [PMID: 28428343]

Zielniok K, Motyl T, Gajewska M. Functional Interactions between 17beta-Estradiol and Progesterone Regulate Autophagy during Acini Formation by Bovine Mammary Epithelial Cells in 3D Cultures. *BioMed Research International.* 2014-05-07 [PMID: 24895572] (WB, Bovine)

Rush J et al. *Nat. Biotechnol.* 23:94-101. 2005-01-01 [PMID: 15592455]

Tanida I et al. *J. Biol. Chem.* 277:13739-13744. 2002-01-01 [PMID: 11825910]

Ota,T. *Nat. Genet.* 36 (1), 40-45. 2004-01-01 [PMID: 14702039]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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