

# Product Datasheet

## ATG7 Antibody R-161-100

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 12

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/R-161-100](http://www.novusbio.com/R-161-100)

Updated 2/5/2017 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/R-161-100](http://www.novusbio.com/reviews/destination/R-161-100)



**R-161-100**

## ATG7 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 deionized water.
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Host	Rabbit
Gene ID	10533
Gene Symbol	ATG7
Species	Human, Mouse, Rat
Reactivity Notes	Human, rat and Mouse. Other species not yet tested. The peptide has identity with the corresponding sequence derived from APG7 protein in mouse, rat, <i>S. cerevisiae</i> , <i>Macaca mulatta</i> (monkey) and <i>Canis familiaris</i> (dog).
Immunogen	A synthetic peptide (DSTRDRTLDDQQC) corresponding to the C-terminal of human APG7 protein conjugated to blue carrier protein.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100, ELISA, Immunohistochemistry 1:200 to 1:3000, Immunocytochemistry/Immunofluorescence 1:200 to 1:3000

**Publications**

Dash R, Azab B, Quinn B et al. Apogossypol derivative BI-97C1 (Sabutoclax) targeting Mcl-1 sensitizes prostate cancer cells to mda-7/IL-24-mediated toxicity Proc Natl Acad Sci U S A 2011-05-24 [PMID: 21555592] (WB, Human)

chimura Y et al. J. Biol. Chem. 279:40584-40592. 2004-01-01 [PMID: 15277523]

Klionsky DJ et al. Dev. Cell 5:539-545. 2003-01-01 [PMID: 14536056]

Tanida I et al. Biochem. Biophys. Res. Commun. 292:256-262. 2002-01-01 [PMID: 11890701]

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

Komatsu M et al. J. Biol. Chem. 276:9846-9854. 2001-01-01 [PMID: 11139573]

Yuan W et al. Mol. Biol. Cell 10:1353-1366. 1999-01-01 [PMID: 10233149]

Kim J et al. Mol. Biol. Cell 10:1337-1351. 1999-01-01 [PMID: 10233148]

Mizushima N et al. Nature 395:395-398. 1998-01-01 [PMID: 9759731]

Johnston M et al. Science 265:2077-2082. 1994-01-01 [PMID: 8091229]

Harding TM et al. J. Cell Biol. 131:591-602. 1995-01-01 [PMID: 7593182]

Cheng HC, Kim SR, Oo TF et al. Akt Suppresses Retrograde Degeneration of Dopaminergic Axons by Inhibition of Macroautophagy. J Neurosci 2011-02-09 [PMID: 21307249]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-  
techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/R-161-100](http://www.novusbio.com/reviews/submit/R-161-100)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

