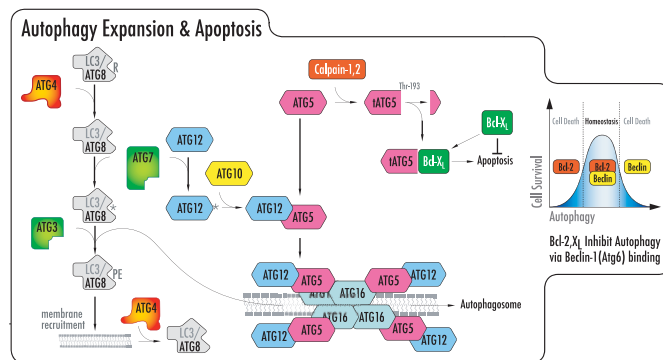


# Autophagy and Apoptosis Antibodies

Special Offer – Save 25%

Abgent is the leader in developing unique antibodies for autophagy research. Autophagy is a catabolic trafficking pathway for bulk destruction and turnover of long-lived proteins and organelles via regulated lysosomal degradation. The identification within the last decade of the full set of genes in yeast, the discovery of human homologues tied to specific disease states, and the definition of signaling pathways regulating autophagy have accelerated interest in the full molecular details of this fundamental process.



1. Cancer Research (2006), v 66(6): 2885-88.
2. J. Pathol. (2006), v 208(3): 319-26.

**APG5 and Beclin are key proteins that cross-talk between the autophagy and apoptosis cell death pathways. The autophagy-apoptosis connection is under intense scrutiny by researchers, particularly with respect to implications for cancer.**

## Autophagy Antibodies

Abgent offers over 60 autophagy antibodies. Our key autophagy antibodies include these protein targets: APG8 (MAPLC3), APG3L, APG4, APG5, APG7, APG9, APG12, APG16, Beclin, APG1, UVRAG, and p52, among others. Our anti-APG8 antibodies are specific for the hallmark autophagy protein MAPLC3, which associates with autophagosomal vacuoles formed upon induction of autophagy.

## Autophagy Sampler Kit

Select 5 or more of our autophagy antibodies for one low price each. This economical sampler kit is a great way to get started in autophagy research.

## Apoptosis Antibodies and Peptides

The BH3 domain is a significant regulatory element in apoptotic Bcl-2 family member proteins. Abgent offers dozens of apoptosis antibodies and blocking peptides ( to assess specificity) targeted to BH3 domains (Bcl-2, Bad, Bak, Bax, Mcl-1, Puma, Noxa, and more) as well as hundreds of other antibodies to targets regulating the apoptotic pathway.

## Apoptosis Sampler Kit

Select 5 or more of our BH3 domain apoptosis-related antibodies for one low price each. This economic sampler kit is a great way to stock your lab with key antibodies for apoptosis research.



## Special Offer – Receive 25% off on autophagy and apoptosis products!\*

### Autophagy and Apoptosis Sampler Kits

Go to  
[www.abgent.com](http://www.abgent.com)  
for a complete  
product listing

Catalog #	Target
AS1001a	Autophagy Sampler Kit: choose 5 or more polyclonal antibodies for one low price each (0.02 mg each)
AS1000a	Bcl-2 Family Antibody Sampler Kit: choose 5 or more polyclonal antibodies for one low price each (0.02 mg each)

\*This promotion is applicable to selected autophagy and apoptosis antibodies, blocking peptides and sampler kits. Please go to [www.abgent.com](http://www.abgent.com) website for a complete product listing. To take advantage of this special offer, refer to quote #AA0907. Offer valid in the USA through September 30th, 2007. Promotion may not be available in all countries – contact your local distributor for more information.

### Autophagy Antibodies

Catalog #	Target	BP	ELISA	WB	ICH	IF
AP8104b	APG1 (ULK1)	•	•	•		
AP1816a	APG12L	•	•	•	•	
AP1817b	APG16L	•	•	•	•	
AP1807a	APG3L	•	•	•		
AP1811b	APG4D	•	•	•	•	
AP1812a	APG5L	•	•	•	•	
AP1813d	APG7L	•	•	•	•	
AM1800a	APG8 (MAP1LC3)	•	•	•		
AP1801a	APG8a (MAP1LC3A)	•	•	•	•	•
AP1802a	APG8b (MAP1LC3B)	•	•	•	•	•
AP1818b	BECN1 (APG6)	•	•	•	•	
AP1851b	PI3KC3	•	•	•		
AP2183b	SQSTM1 (p62)	•	•	•	•	
AP1850b	UVRAG	•	•	•	•	•

### Apoptosis Antibodies to BH3 Domains

Catalog #	Target	BP	ELISA	WB	IHC	Citation
AP1300a	A1 BH3 Domain	•	•	•	•	•
AP1305a	Bcl-w BH3 Domain	•	•	•	•	
AP1306a	Bcl-x BH3 Domain	•	•		•	
AP1307a	Bid BH3 Domain	•	•	•	•	
AP1310a	Bok BH3 Domain	•	•	•	•	•
AP7217b	DAPK1 (C-term)	•	•	•		
AP7218a	DAPK2 (N-term V55)	•	•	•	•	•
AP7033a	DAPK2 (N-term)	•	•	•	•	•
AP7221b	DRAK2 (C-term)	•	•	•	•	•
AP1312a	Mcl-1 BH3 Domain	•	•	•	•	•
AP1315a	NIP1 BH3 Domain	•	•	•	•	
AP1321a	NIP3 BH3 Domain	•	•	•	•	
AP1317a	Puma BH3 Domain	•	•	•	•	

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BP (blocking peptide available to assess antibody specificity)  
Testing: ELISA; Western Blot (WB); Immunohistochemistry (IHC); Immunofluorescence (IF)