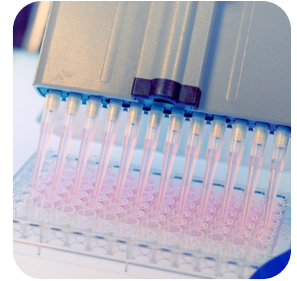




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# Autophagy



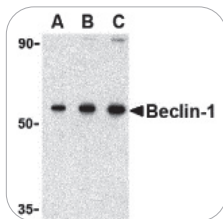
**HIGH PERFORMANCE ANTIBODIES ... AND MORE**

**Broad Antibody Catalog  
Extensive Antibody Services**



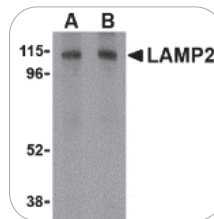
# AUTOPHAGY

Autophagy is an essential cellular process characterized by the self-degradation of intracellular components through the actions of lysosomes. Autophagy can play either pro-survival or pro-death roles and is recognized for its therapeutic potential. ProSci offers high performance autophagy antibodies and related reagents.



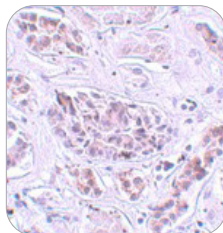
**Beclin-1 Antibody**  
Cat. No. 3613

WB analysis of Beclin-1 in 293 cell lysate at (A) 0.5, (B) 1 and (C) 2 µg/mL.



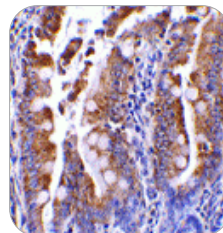
**LAMP-2 Antibody**  
Cat. No. 3627

WB analysis of LAMP-2 in HepG2 cell lysate at (A) 1 and (B) 2 µg/mL.



**ATG3 Antibody**  
Cat. No. 5795

IHC analysis of ATG3 in human kidney tissue at 3 µg/mL.



**PIST Antibody**  
Cat. No. 3631

IHC analysis of PIST in rat colon tissue at 1 µg/mL.



**TRIAL SIZES AVAILABLE**  
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## Select Detection Sets

ProSci offers curated sets of antibodies for researchers exploring new pathways to detect several biomarkers at a reasonable prices. The detection sets provide antibodies for well known proteins known to be involved in (dys)-function of this pathway.

Detection Set	Cat. No.	Components
Autophagy Protein	PSI-1813	APG7, Beclin-1, LAMP1, LAMP2, PIST
ER Signaling Protein	PSI-1814	ATF6, IRE1p, Caspase-12 (Large), XBP-1
TOR Signaling Pathway	PSI-1805	TOR, Raptor, GBL, Rheb, TSC1, TSC2, 4E-BP1, Akt1

ProSci offers a free downloadable pathway for Autophagy research. Visit our Applications and Techniques page for more information.

[prosci-inc.com/applications-techniques](http://prosci-inc.com/applications-techniques)

Antibody	Cat. No.	Applications	Species
Ambra1 Antibody	4555	E, WB, IHC, IF	H, M, R
ATG101 Antibody	5801	E, WB, IHC, IF	H, M, R
ATG12 Antibody	4421	E, WB, IHC, IF	H, M, R
ATG4C Antibody	7907	E, WB	H, M, R
APG7 Antibody	3617	E, WB, ICC, IF	H, M
DAPK2 Antibody	2323	E, WB, IHC	H, M, R
DRAM Antibody	4035	E, WB, IHC, IF	H, M, R
FOXO3 Antibody	5813	E, W, ICC, IF	H, M, R
GABARAP Antibody	7359	E, WB, IF	H, M, R
GABARAPL2 Antibody	7895	E, WB	H, M, R
MAP1LC3A Antibody	7579	E, WB, IHC, IF	H
MAP1LC3B Antibody	7581	E, WB, IHC, IF	H, M, R
MAP1LC3C Antibody	7951	E, WB, IHC, IF	H

... **AND MORE**



**FOR MORE AUTOPHAGY PRODUCTS**  
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**Over 20,000 custom antibodies developed**