

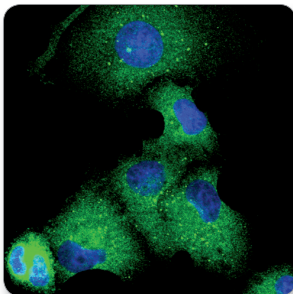
Key Products for Autophagy Signaling

Visit www.cellsignal.com/autophagylist for full listing of antibodies, related kits, and reagents.

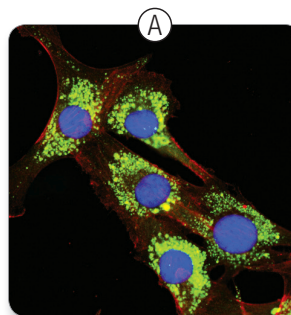
ANTIBODIES

	APPLICATIONS	REACTIVITY
#5831 AMPKα (D5A2) Rabbit mAb	WB, IP	H, M, R, Mk, B
#2795 AMPKα1 Antibody	WB	H, Mk, (Pg)
#2757 AMPKα2 Antibody	WB, IP	H, Mk
#2535 Phospho-AMPKα (Thr172) (40H9) Rabbit mAb	WB, IP, IHC-P	H, M, R, Hm, Mk, Dm, Sc, (C, Z, B, Pg)
#2537 Phospho-AMPKα1 (Ser485) (45F5) Rabbit mAb	WB	H, M, R, Mk
#15011 Atg2A Antibody	WB	H
#3415 Atg3 Antibody	WB	H, M, R, Mk, (C, X, B, Dg)
#7613 Atg4A (D62C10) Rabbit mAb	WB, IP	H, R
#13507 Atg4B (D1G2R) Rabbit mAb	WB, IP	H, M, R
#12994 Atg5 (D5F5U) Rabbit mAb	WB, IP	H, M, R, (Mk, X, Dg, Pg)
#8558 Atg7 (D12B11) Rabbit mAb	WB, IP	H, M, R, (Mk, B)
#13509 Atg9A (D4O9D) Rabbit mAb	WB, IP	H, M, R, Mk
#4180 Atg12 (D88H11) Rabbit mAb	WB, IP	H, M, R, Mk
#13273 Atg13 (D4P1K) Rabbit mAb	WB, IP	H, M, R
#5504 Atg14 Antibody	WB	H, (Mk)
#8089 Atg16L1 (D6D5) Rabbit mAb	WB, IP, IF-IC	H, M, R, (Mk)
#13492 Atg101 (E1Z4W) Rabbit mAb	WB	H, M, R, Mk
#3495 Beclin-1 (D40C5) Rabbit mAb	WB, IP	H, M, R, Mk
#13825 Phospho-Beclin-1 (Ser15) Antibody	WB	H, M
#12396 BNIP3L/Nix (D4R4B) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk
#12436 FIP200 (D10D11) Rabbit mAb	WB, IP	H, M, (Mk)
#13733 GABARAP (E1J4E) Rabbit mAb	WB, IF-IC	H, M, R
#26632 GABARAPL1 (D5R9Y) XP® Rabbit mAb	WB, IF-IC, F	H, M, R
#14256 GABARAPL2 (D1W9T) Rabbit mAb	WB	H, M, R, Mk
#4599 LC3A (D5O68) XP® Rabbit mAb	WB, IHC-P, IF-IC, F	H, M, R, (Mk, Dg)
#12741 LC3A/B (D3U4C) XP® Rabbit mAb	WB, IHC-P, IF-IC, F	H, M, R, (X, B, Dg, Pg)
#3868 LC3B (D11) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, (Mk, B, Pg)

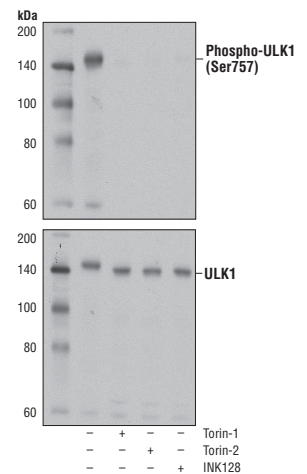
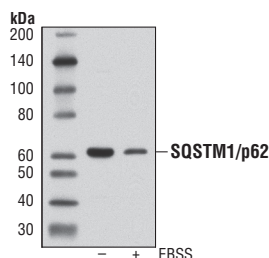
Atg16L1 (D6D5) Rabbit mAb #8089: Confocal IF analysis of EBSS-starved PANC-1 cells using #8089 (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



LC3A/B (D3U4C) XP® Rabbit mAb #12741: Confocal IF analysis of HeLa cells, chloroquine-treated (50 μM, overnight; **A**), nutrient-starved with EBSS (3 hr, **B**) or untreated (**C**) using #12741 (green) and β-Actin (13E5) Rabbit mAb (Alexa Fluor® 555 Conjugate) #8046 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



SQSTM1/p62 (D5E2) Rabbit mAb #8025: WB analysis of extracts from SK-MEL-2 cells, untreated (-) or starved overnight in Earle's Balanced Salt Solution (EBSS; +), using #8025.



Phospho-ULK1 (Ser757) (D706U) Rabbit mAb #14202: WB analysis of extracts from A172 cells, untreated (-) or treated with mTOR inhibitors (+), either Torin-1 #14379 (250 nM, 5 hr), Torin-2 #14385 (250 nM, 5 hr), or INK128 (250 nM, 5 hr) using #14202 (upper) or ULK1 (D8H5) Rabbit mAb #8054 (lower).

APPLICATIONS & REACTIVITY KEY: WB Western Blotting / IP Immunoprecipitation / IHC Immunohistochemistry / IF Immunofluorescence / F Flow Cytometry / ChIP Chromatin Immunoprecipitation / -IC Immunocytochemistry / -P Paraffin / -F Frozen / E-P Peptide ELISA / H human / M mouse / R rat / Hm hamster / Mk monkey / C chicken / Mi mink / Dm D. melanogaster / X Xenopus / Z zebra fish / B: bovine / Dg dog / Pg pig / Sc S. cerevisiae / All all species expected / () 100% sequence homology

© 2015 Cell Signaling Technology, Inc. Cell Signaling Technology, CST, PathScan, and XP are trademarks of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.cellsignal.com/autophagy

Cell Signaling
TECHNOLOGY®