

Product Datasheet

Cleaved LC3A Antibody (orb1933527)

Catalog Number	orb1933527
Category	Antibodies
Description	Cleaved LC3A Antibody
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
UniProt ID	Q9H492, Q9GZQ8
Tested applications	ICC, IF, IHC-P, WB
Dilution range	WB - 1:1000, IHC-P - 1:100-500, ICC - 1:10-50
Specificity	This Cleaved LC3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-120 amino acids from human Cleaved LC3A or LC3B.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

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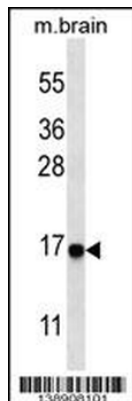
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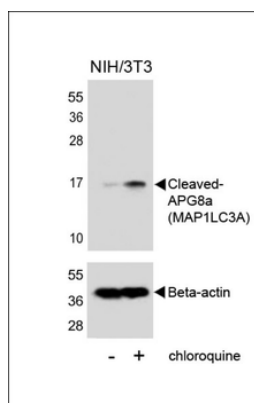
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Note For research use only

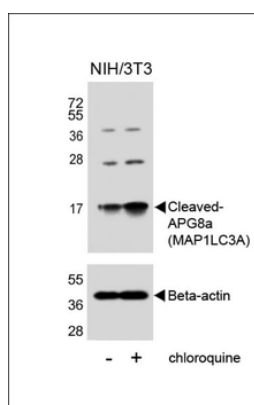
Expiration Date 12 months from date of receipt.



Western blot analysis of anti-cleaved-LC3 (APG8a) Pab in mouse brain tissue lysate. Cleaved-LC3 (APG8a) was detected using the purified Pab.



Western blot analysis of lysates from NIH/3T3 cells, untreated or treated with chloroquine, using Cleaved-APG8a (MAP1LC3A) (upper) or Beta-actin (lower).



Western blot analysis of lysates from NIH/3T3 cells, untreated or treated with chloroquine, using Cleaved-APG8a (MAP1LC3A) (upper) or Beta-actin (lower).

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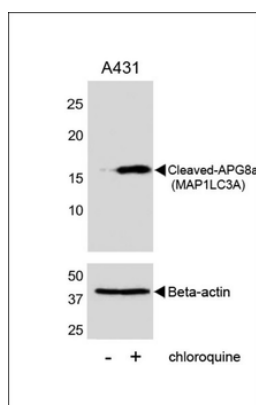
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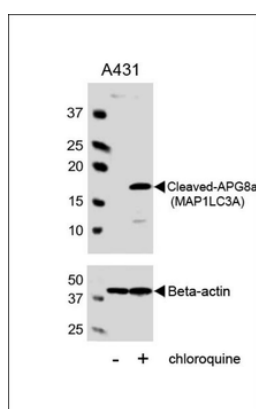
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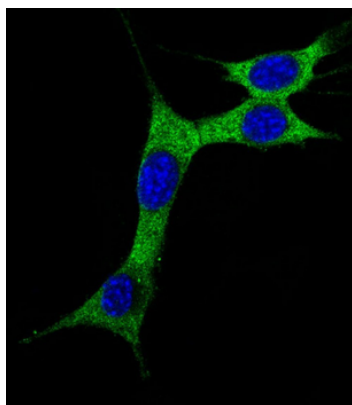
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Western blot analysis of lysates from A431 cell line, untreated or treated with chloroquine, 100ng/ml, using Cleaved-APG8a (MAP1LC3A) (upper) or Beta-actin (lower).



Western blot analysis of lysates from A431 cell line, untreated or treated with chloroquine, 100ng/ml, using Cleaved-APG8a (MAP1LC3A) Antibody (upper) or Beta-actin (lower).



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized NIH/3T3 (Mouse mouse embryonic fibroblasts cell line) cells labeling MAP1LC3A at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG secondary antibody at 1/400 dilution (green). The nuclear counter stain is DAPI (blue). Immunofluorescence image showing cytoplasm on NIH/3T3 cell line.

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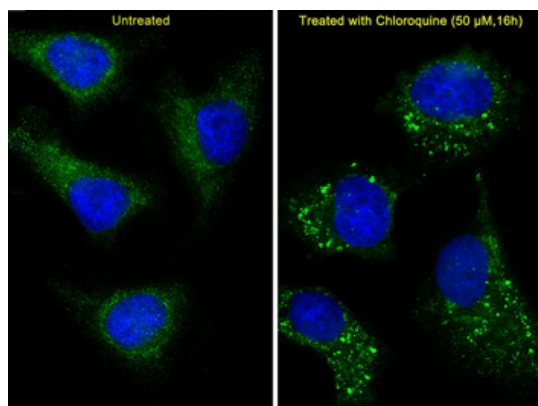
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Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (Human Cervical epithelial adenocarcinoma cell line) cells labeling MAP1LC3A at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG secondary antibody at 1/400 dilution (green). Immunofluorescence image showing vesicles staining on HeLa cell line. The nuclear counter stain is DAPI (blue). The right image is HeLa cells treated with Chloroquine 50 μ M for 16 h.

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