LC3A / MAP1LC3A Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: **14322-T44**

GENERAL INFORMATION	
Immunogen:	Recombinant Human LC3A / MAP1LC3A protein (Catalog#14322-H08E)
Preparation	Produced in rabbits immunized with purified, recombinant Human LC3A / MAP1LC3A (rh LC3A / MAP1LC3A; Catalog#14322-H08E; Q9H492-1; Met1-Phe121). LC3A / MAP1LC3A specific IgG was purified by Human LC3A / MAP1LC3A affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human LC3A / MAP1LC3A
Formulation:	0.2 μm filtered solution in PBS
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB,IHC-P,IP
RECOMMENDED CONCENTRATION	
IHC-P	IHC-P: 1:2500-1:10000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 4-6 μL/mg of lysate

Please Note: Optimal concentrations/dilutions should be determined by the end user.

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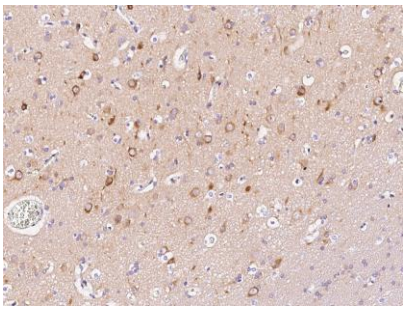
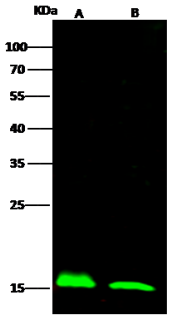


Immunochemical staining of human MAP1LC3A in human brain with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

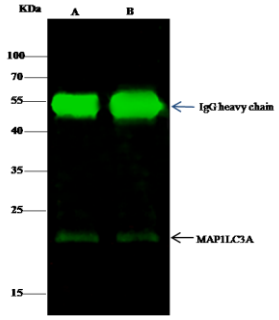


Anti-MAP1LC3A rabbit polyclonal antibody at 1:500 dilution.
Lane A: Mouse brian tissue lysate
Lane B: Rat brain tissue lysate

Lysates/proteins at 30 ug per lane.
Secondary
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:14 kDa
Observed band size:16 kDa



MAP1LC3A was immunoprecipitated using:
Lane A:0.5 mg Hela Whole Cell Lysate
Lane B:0.5 mg MCF-7 Whole Cell Lysate

2 µL anti-MAP1LC3A rabbit polyclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:
Anti-MAP1LC3A rabbit polyclonal antibody,at 1:100 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 18 kDa
Observed band size: 18 kDa