

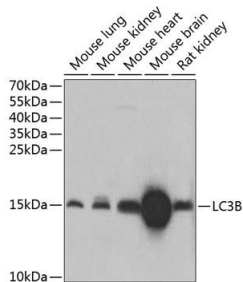
Cat. No: AB-83629
Conjugate: Unconjugated
Size: 100 ug
Clone: POLY
Concentration: 1mg/ml
Host: Rb
Isotype: IgG
Reactivity: Hu, Ms, Rt

Applications: Western Blot: 1:500-1:2000
 Immunohistochemistry (paraffin-embedded tissues): 1:50-1:200
 Immunofluorescence: 1:20-1:200

Molecular Weight: 14kDa
Purification: Purified
Synonyms: ATG8F;LC3B;MAP1A/1BLC3;MAP1LC3B-a

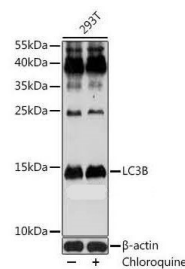
Background: The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.

Form: Liquid
Buffer: PBS with 0.02% sodium azide, 50% glycerol pH 7.3
Storage: Store at -20°C. Avoid freeze / thaw cycles.

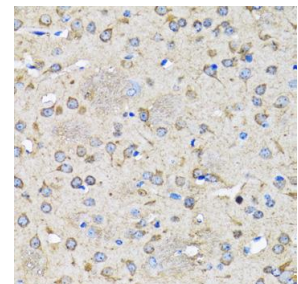


Western blot analysis of extracts of various cell lines, using LC3B antibody at 1:1000 dilution.

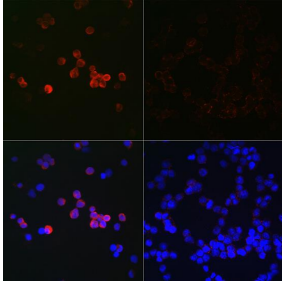
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
 Lysates/proteins: 25ug per lane.
 Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.
 Exposure time: 30s..



Western blot analysis of extracts of 293T cells, using LC3B antibody at 1:1000 dilution. 293T cells were treated by chloroquine (50 μM) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit Exposure time: 180s.



Immunohistochemistry of paraffin-embedded rat brain using LC3B antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of 293T cells using LC3B Rabbit pAb at dilution of 1:100 (40x lens). 293T cells were treated by Chloroquine (50 μ M) at 37°C for 20 hours.

Blue: DAPI for nuclear staining.

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