LC3B Rabbit Polyclonal Antibody

CAB11280

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

14kDa/15kDa

Calculated MW:

14kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:
81631

Uniprot
Q9GZQ8

Synonyms:
LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3; MAP1LC3B; LC3A/LC3B

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Immunogen:
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human LC3B (NP_073729.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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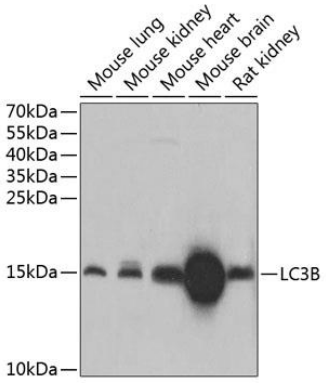
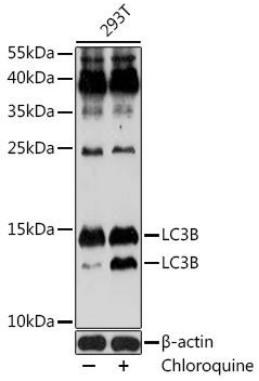
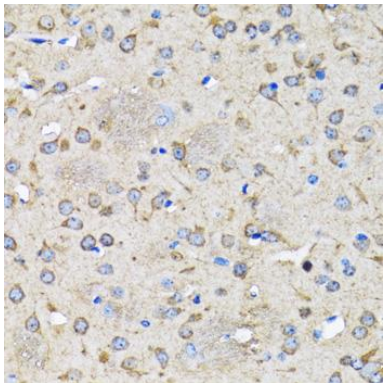
Product Images



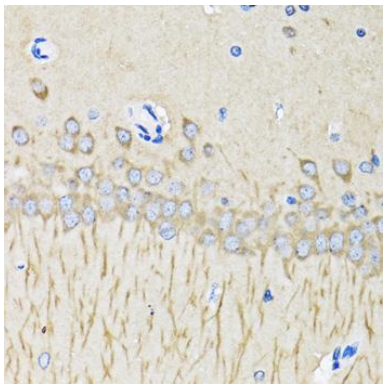
Western blot analysis of extracts of various cell lines, using LC3B antibody (CAB11280) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Western blot analysis of extracts of 293T cells, using LC3B antibody (CAB11280) at 1:1000 dilution.293T cells were treated by Chloroquine (50 uM) at 37'C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded rat brain using LC3B antibody (CAB11280) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using LC3B antibody (CAB11280) at dilution of 1:100 (40x lens).