Anti-LC3B Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P105117

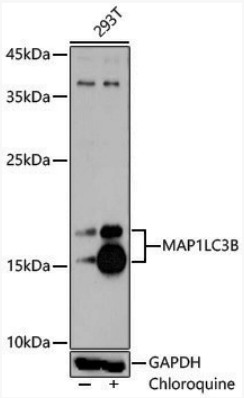
Product Information

Application	WB, ELISA
Reactivity	Human, Rat
Dilution	WB 1:500~1:1000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-50 of human MAP1LC3B (NP_073729.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-LC3B Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

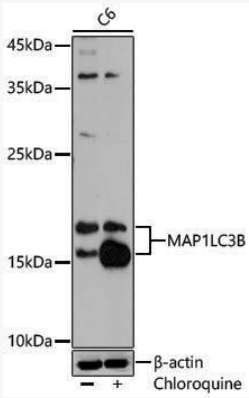
Protein Information

Synonyms	LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3.
Calculated MW	Calculated MW: 14 kDa; Observed MW: 14 kDa,16 kDa
Uniprot ID	Q9GZQ8
Gene ID	81631
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.

Validation Images



Western blot analysis of lysates from 293T cells using MAP1LC3B Rabbit pAb (P105117) at 1:1,000 dilution. 293T cells were treated by Chloroquine (50 μM) at 37°C for 20 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 90s.



Western blot analysis of lysates from C6 cells using MAP1LC3B Rabbit pAb (P105117) at 1:1,000 dilution. C6 cells were treated by Chloroquine (50 μM) at 37°C for 20 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 90s.