

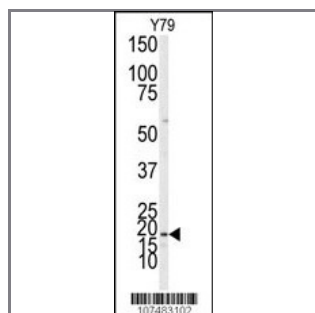
LC3 Antibody (APG8A/B)

Purified Rabbit Polyclonal Antibody (Pab)

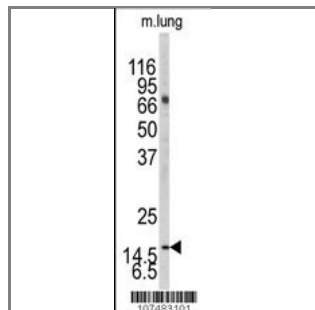
Catalog #	Applications:	Reactivity:	Accessions:
AP1803a	WB, IHC, E	H, M, R, C*, Z*	Q9GZQ8
Concentration:	Size:	Isotype:	Clone Name:
0.25 mg/ml	0.1 mg	Rabbit Ig	RB7483 / RB7484

Application Data:

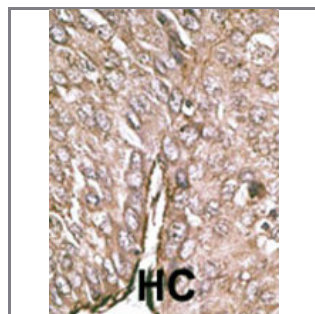
Calculated MW: 14272 & 14557 Da



Western blot analysis of anti-Autophagy LC3 Antibody (APG8a/b) (Cat.#AP1803a) in Y79 cell line lysates (35ug/lane). APG8 (arrow) was detected using the purified Pab.



Western blot analysis of anti-Autophagy LC3 Antibody (APG8a/b) (Cat.#AP1803a) in mouse lung tissue lysates (35ug/lane). APG8 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

Gene ID:	Gene Symbol:
81631	MAP1LC3B

Other Names:

MAP1LC3A, microtubule-associated protein 1 light chain 3 alpha, RP11-346K17.1, LC3, LC3A, MAP1ALC3, MAP1BLC3, MAP1 light chain 3-like protein 1; MAP1A/1B light chain 3 A; MAP1A/MAP1B LC3 A; MAP1A/MAP1B light chain 3 A; OTTHUMP00000030698; autophagy-related protein LC3 A; autophagy-related ubiquitin-like modifier LC3 A; microtubule-associated proteins 1A/1B light chain 3; microtubule-associated proteins 1A/1B light chain 3A, MAP1LC3B, LC3B; MAP1A/1BLC3; MAP1LC3B,

Target/Specificity:

This LC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34~64 amino acids surrounding Y38 of human LC3 (APG8a/b).

Application Notes:

The suggested dilution is:

ELISA 1:1,000

Western Blot 1:50~200

Immunohistochemistry 1:50~100

Format:

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage:

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions:

LC3 Antibody (APG8A/B) is for research use only and not for use in diagnostic or therapeutic procedures.
