

Rabbit anti-Human, Mouse MAP1LC3B Polyclonal Antibody | anti-MAP1LC3B antibody

MAP1LC3B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281271	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

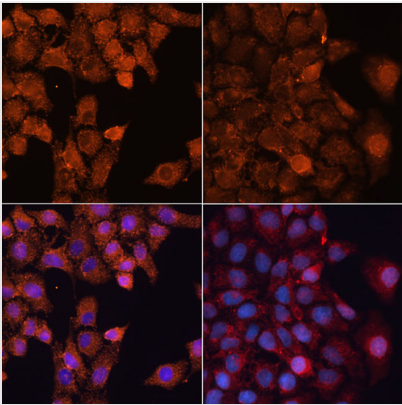
PRODUCT SYNONYMS

MAP1LC3B; Polyclonal Antibody; MAP1LC3B Polyclonal Antibody; ATG8F; LC3B; MAP1A/1BLC3; MAP1LC3B-a; anti-MAP1LC3B antibody

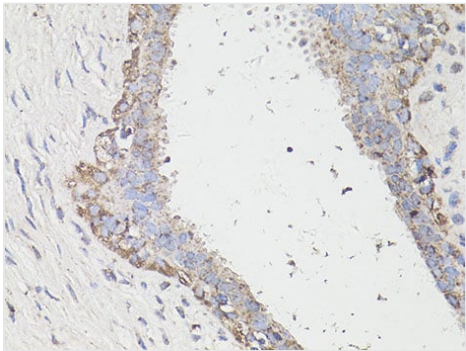
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide,50% glycerol,pH7.3.
Sequence	MPSEKTFKQR RTFEQRVEDV RLIREQHPTK IPVIIERYKG EKQLPVLDKT KFLVPDHVNM SELIKIIRRR LQLNANQAFF LLVNGHSMVS VSTPISEVYE SEKDEDGFLY MVYASQETFG MKLSV
Sequence Length	125
Applicable Applications for anti-MAP1LC3B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human MAP1LC3B
Immunogen Species	Human
Cellular Location	Cytoplasm, Cytoplasmic vesicle, Endomembrane system, Lipid-anchor, autophagosome, autophagosome membrane, cytoskeleton
Positive Samples	HeLa, NIH/3T3
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

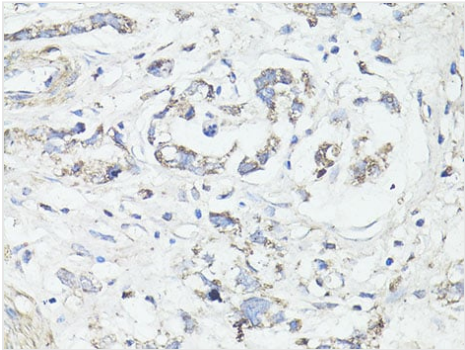
IMAGES



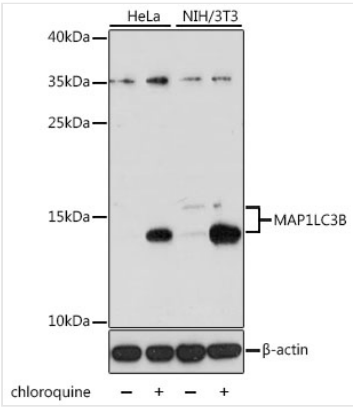
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using MAP1LC3B antibody at dilution of 1:100. HeLa cells were treated by Chloroquine (50 uM) for 20 hours(left). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using MAP1LC3B antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using MAP1LC3B antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using MAP1LC3B antibody at 1:1000 dilution. HeLa cells were treated by Chloroquine (50 uM) for 20 hours. NIH/3T3 cells were treated by Chloroquine (50 uM) for 20 hours. 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 Enhanced Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP1LC3B antibody	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.
Product Categories/Family for anti-MAP1LC3B antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	12383056
NCBI GeneID	81631
NCBI Accession #	NP_073729.1
NCBI GenBank Nucleotide #	NM_022818.4
UniProt Accession #	Q9GZQ8; Q6NW02
Molecular Weight	Calculated: 14kDa Observed: 14kDa; 16kDa

NCBI Official Full Name	microtubule-associated proteins 1A/1B light chain 3B
NCBI Official Synonym Full Names	microtubule associated protein 1 light chain 3 beta
NCBI Official Symbol	MAP1LC3B
NCBI Official Synonym Symbols	LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3
NCBI Protein Information	microtubule-associated proteins 1A/1B light chain 3B
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3B
UniProt Gene Name	MAP1LC3B
UniProt Synonym Gene Names	MAP1ALC3; MAP1A/MAP1B LC3 B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/map1lc3b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281271>