

Rabbit anti-Human MAP1LC3C Polyclonal Antibody | anti-MAP1LC3C antibody

MAP1LC3C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40571	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

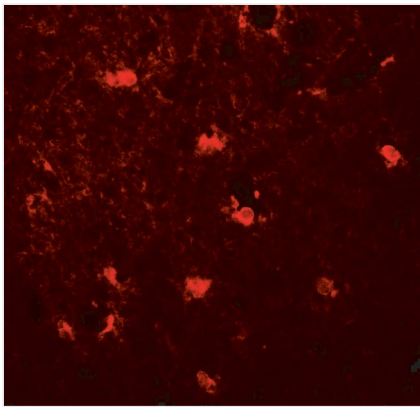
PRODUCT SYNONYMS

MAP1LC3C; Polyclonal Antibody; MAP1LC3C Antibody; LC3C; ATG8JAutophagy-related protein LC3 C; microtubule-associated protein 1 light chain 3 gamma; anti-MAP1LC3C antibody

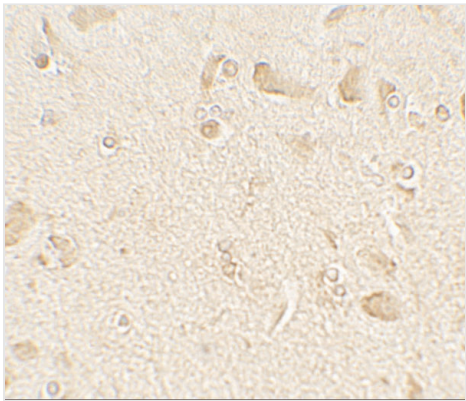
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MAP1LC3C antibody is human, mouse and rat reactive. Multiple isoforms MAP1LC3C are known to exist. MAP1LC3C antibody is predicted to not cross-react with MAP1LC3A or MAP1LC3B.
Purity/Purification	MAP1LC3C antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	147
Applicable Applications for anti-MAP1LC3C antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	MAP1LC3C antibody was raised against an 18 amino acid peptide near the carboxy terminus of human MAP1LC3C.
Buffer	MAP1LC3C antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	MAP1LC3C antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

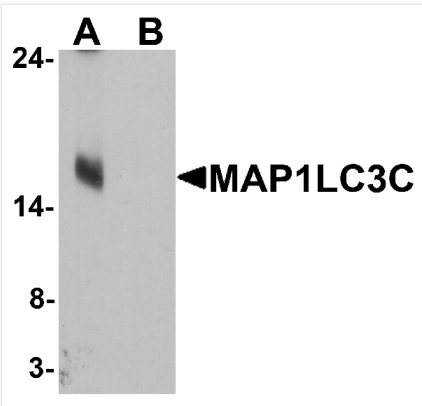
IMAGES



IF (Immunofluorescence)
Immunofluorescence of MAP1LC3C in human brain tissue with MAP1LC3C antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of MAP1LC3C in human brain tissue with MAP1LC3C antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of MAP1LC3C in human brain tissue lysate with MAP1LC3C antibody at 1 μ g/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP1LC3C antibody	Microtubule-associated proteins (MAPs) regulate microtubule stability and play critical roles in neuronal development and plasticity (1). MAP1LC3C belongs to the MAP1 LC3 family of proteins that form mature complexes with MAP1A and MAP1B which are thought to be important in the formation and development of axons and dendrites (2). MAP1LC3C is one of three isoforms of MAP1LC3, the mammalian homolog of yeast ATG8, an essential autophagy protein. These isoforms exhibit distinct expression patterns and MAP1LC3C, like MAP1LC3A but not MAP1LC3B, is post-translationally modified, suggesting the three isoforms may have different physiological functions (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51972260
NCBI GeneID	440738
NCBI Accession #	NP_001004343
NCBI GenBank Nucleotide #	NM_001004343.2
UniProt Accession #	Q9BXW4; A0PJY8; A2RUP0
Molecular Weight	Predicted: 16 kDa Observed: 16 kDa

NCBI Official Full Name	microtubule-associated proteins 1A/1B light chain 3C
NCBI Official Synonym Full Names	microtubule-associated protein 1 light chain 3 gamma
NCBI Official Symbol	MAP1LC3C
NCBI Official Synonym Symbols	LC3C; ATG8J
NCBI Protein Information	microtubule-associated proteins 1A/1B light chain 3C; MAP1A/MAP1B LC3 C; LC3-like protein 2; MAP1A/MAP1B light chain 3 C; autophagy-related protein LC3 C; MAP1 light chain 3-like protein 2; MAP1 light chain 3-like protein 3; autophagy-related ubiquitin-like modifier LC3 C
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3C
UniProt Gene Name	MAP1LC3C
UniProt Synonym Gene Names	MAP1A/MAP1B LC3 C
UniProt Entry Name	MLP3C_HUMAN

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://stage.aaabiotech.com/polyclonal/map1lc3c-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40571>