

Rabbit MAP1LC3A Polyclonal Antibody | anti-MAP1LC3A antibody

MAP1LC3A antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200153	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Immunohistochemistry, Western Blot

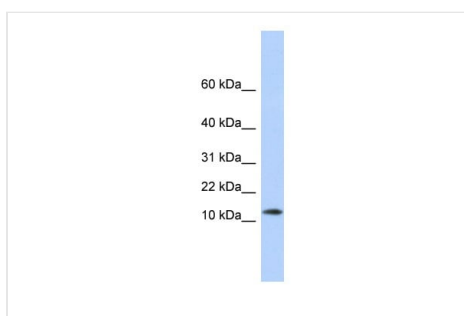
PRODUCT SYNONYMS

MAP1LC3A; Polyclonal Antibody; MAP1LC3A antibody - N-terminal region; anti-MAP1LC3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MK MRFSSPCGK AAVDPADRCK EVQQIRDQHP SKIPVIER Y KGEKQLPV
Sequence Length	125
Applicable Applications for anti-MAP1LC3A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MAP1LC3A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

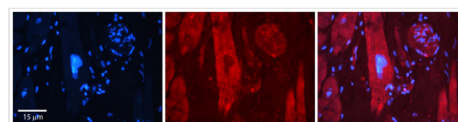
IMAGES



WB (Western Blot)

WB Suggested Anti-MAP1LC3A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive

Control: Human brain



IHC (Immunohistochemistry)

Rabbit Anti-MAP1LC3A Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MAP1LC3A antibody	This is a rabbit polyclonal antibody against MAP1LC3A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. MAP1LC3A is one of the light chain subunits and can associate with either MAP1A or MAP1B. MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MAP1LC3A antibody	Polyclonal; Autophagy

NCBI AND UNIPROT INFORMATION

NCBI GI #	31563518
NCBI GeneID	84557
NCBI Accession #	NP_852610
NCBI GenBank Nucleotide #	NM_181509
UniProt Accession #	Q9H492
Molecular Weight	14kDa
NCBI Official Full Name	microtubule-associated proteins 1A/1B light chain 3A isoform b
NCBI Official Synonym Full Names	microtubule associated protein 1 light chain 3 alpha
NCBI Official Symbol	MAP1LC3A
NCBI Official Synonym Symbols	LC3; LC3A; ATG8E; MAP1ALC3; MAP1BLC3
NCBI Protein Information	microtubule-associated proteins 1A/1B light chain 3A
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3A
UniProt Gene Name	MAP1LC3A
UniProt Synonym Gene Names	MAP1A/MAP1B LC3 A
UniProt Entry Name	MLP3A_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.