Rabbit LC3A Monoclonal Antibody | anti-LC3A antibody

LC3A Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269373	**Rabbit**	**Human, Mouse, Rat**	**Immunoprecipitation, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

LC3A; Monoclonal Antibody; LC3A Rabbit mAb; Microtubule-associated proteins 1A/1B light chain 3A; Autophagy-related protein LC3 A; Autophagy-related ubiquitin-like modifier LC3 A; MAP1 light chain 3-like protein 1; MAP1A/MAP1B light chain 3 A; MAP1A/MAP1B LC3 A; Microtubule-associated protein 1 light chain 3 alpha; anti-LC3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R07-9B1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-LC3A antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human MAP1LC3A
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded Human breast cancer using LC3A antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

WB (Western Blot)
Western blot analysis of LC3A in K562, rat Brain, Hela lysates using LC3A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LC3A antibody	Autophagy marker Light Chain 3 (LC3) was originally identified as a subunit of microtubule-associated proteins 1A and 1B (termed MAP1LC3), and subsequently found to contain similarity to the yeast protein Apg8/Aut7/Cvt5 critical for autophagy. Three human LC3 isoforms (LC3A, LC3B, and LC3C) undergo post-translational modifications during autophagy. Cleavage of LC3 at the carboxy terminus immediately following synthesis yields the cytosolic LC3-I form
Product Categories/Family for anti-LC3A antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	85701362
NCBI GeneID	84557
UniProt Accession #	Q9H492; Q9BXW5; E1P5P4; E1P5P5
Molecular Weight	14,272 Da
NCBI Official Full Name	Microtubule-associated proteins 1A/1B light chain 3A
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; MAP1A/MAP1B LC3 A; MAP1A/1B light chain 3 A; MAP1A/MAP1B light chain 3 A; MAP1 light chain 3-like protein 1; autophagy-related ubiquitin-like modifier LC3 A
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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/lc3a-antibody-clone-r07-9b1-immunoprecipitation-immunohistochemistry-western-blot-elisa/269373