

Rabbit anti-Human LC3C-Specific Polyclonal Antibody | anti-LC3C antibody

LC3C-Specific Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328863	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

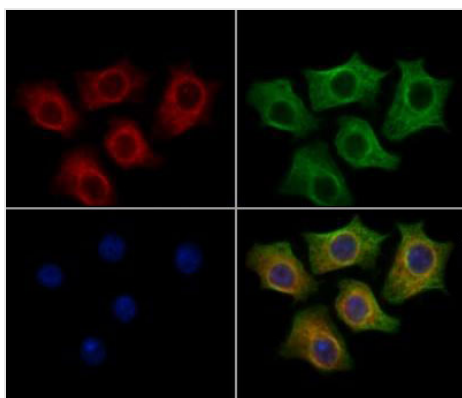
PRODUCT SYNONYMS

LC3C-Specific; Polyclonal Antibody; LC3C-Specific Antibody; ATG8J; Autophagy-related protein LC3 C; Autophagy-related ubiquitin-like modifier LC3 C; LC3 like protein 2; MAP1 light chain 3 like protein 2; MAP1 light chain 3 like protein 3; MAP1 light chain 3-like protein 3; MAP1A/MAP1B LC3 C; MAP1A/MAP1B light chain 3 C; MAP1LC3C; Microtubule-associated protein 1 light chain 3 gamma; Microtubule-associated proteins 1A/1B light chain 3C; MLP3C_HUMAN; anti-LC3C antibody

PRODUCT SPECIFICATIONS

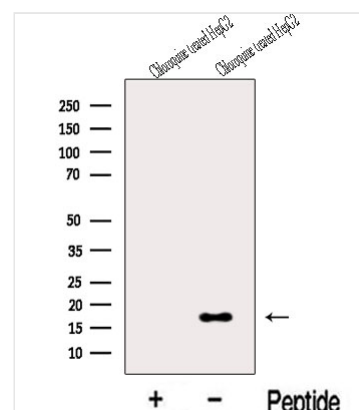
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	LC3C Antibody detects endogenous levels of total LC3C.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-LC3C antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LC3C,corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328863 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328863) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Chloroquine treated HepG2 cells, using LC3C-Specific Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LC3C antibody	Ubiquitin-like modifier that plays a crucial role in antibacterial autophagy (xenophagy) through the selective binding of CALCOCO2. Recruits all ATG8 family members to infecting bacteria such as S.Typhimurium (PubMed:23022382). May also play a role in aggrephagy, the macroautophagic degradation of ubiquitinated and aggregated proteins (PubMed:28404643).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51972260
NCBI GeneID	440738
NCBI Accession #	NP_001004343
NCBI GenBank Nucleotide #	NP_001004343.1
UniProt Accession #	Q9BXW4
Molecular Weight	17 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
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/lc3c-specific-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/328863>