



# MLP3C Polyclonal Antibody

<b>Catalog No</b>	BYab-07875
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	MAP1LC3C
<b>Protein Name</b>	Microtubule-associated proteins 1A/1B light chain 3C (Autophagy-related protein LC3 C) (Autophagy-related ubiquitin-like modifier LC3 C) (MAP1 light chain 3-like protein 3) (MAP1A/MAP1B light chain 3
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein AA range: 71-120
<b>Specificity</b>	MLP3C Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	16kD
<b>Cell Pathway</b>	Cytoplasmic vesicle, autophagosome membrane ; Lipid-anchor . Endomembrane system ; Lipid-anchor . Cytoplasm, cytoskeleton . LC3-II binds to the autophagic membranes. .
<b>Tissue Specificity</b>	Most abundant in placenta, lung and ovary.
<b>Function</b>	function:Probably involved in formation of autophagosomal vacuoles (autophagosomes).,PTM:The precursor molecule is cleaved by APG4B/ATG4B to form the cytosolic form, LC3-I. This is activated by APG7L/ATG7, transferred to ATG3 and conjugated to phospholipid to form the membrane-bound form, LC3-II.,similarity:Belongs to the MAP1 LC3 family.,subcellular location:LC3-II binds to the autophagic membranes.,subunit:3 different light chains, LC1, LC2 and LC3, can associate with MAP1A and MAP1B proteins.,tissue specificity:Most abundant in placenta, lung and ovary.,

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Background	Autophagy is a highly regulated bulk degradation process that plays an important role in cellular maintenance and development. MAP1LC3C is an ortholog of the yeast autophagosome protein Atg8 (He et al., 2003 [PubMed 12740394]).[supplied by OMIM, Nov 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

