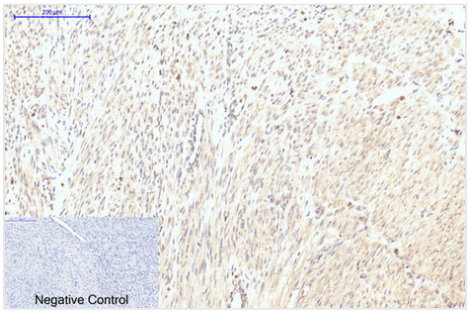
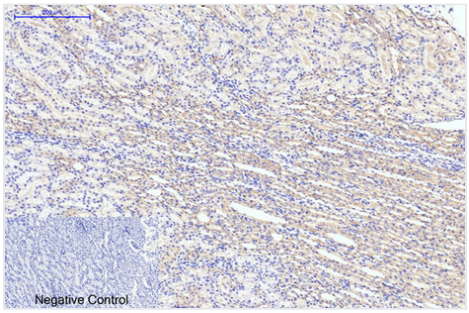
LC3B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

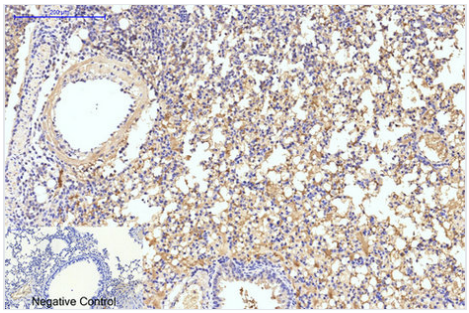
Product Name	LC3B, Polyclonal Antibody
Full Product Name	LC3B Polyclonal Antibody
Product Gene Name	anti-LC3B antibody
Product Synonym Gene Name	MAP1LC3B
Product Synonym Names	MAP1LC3B; MAP1ALC3; Microtubule-associated proteins 1A/1B light chain 3B; Autophagy-related protein LC3 B; Autophagy-related ubiquitin-like modifier LC3 B; MAP1 light chain 3-like protein 2; MAP1A/MAP1B light chain 3 B; MAP1A/MAP1B LC3 B; Microtubule-associated protein 1 light chain 3 beta
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	125
OMIM	609604
3D Structure	ModBase 3D Structure for Q9GZQ8
Applications Tested/Suitable for anti-LC3B antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P), Immunofluorescence (IF)
Related Product Information for anti-LC3B antibody	Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation. Promotes primary ciliogenesis by removing OFD1 from centriolar satellites via the autophagic pathway.
Other Notes	Small volumes of anti-LC3B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LC3B purchase	MBS9241623 is an antibody targeting LC3B. Also known as LC3B Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



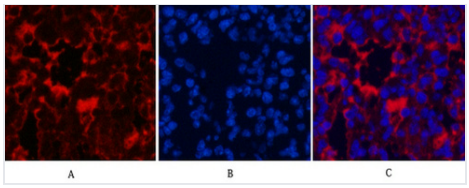
Wester Blot (WB) of anti-LC3B antibody
Dilution: WB: 1:1000-2000 IHC: 1:200-500 IF 1:200



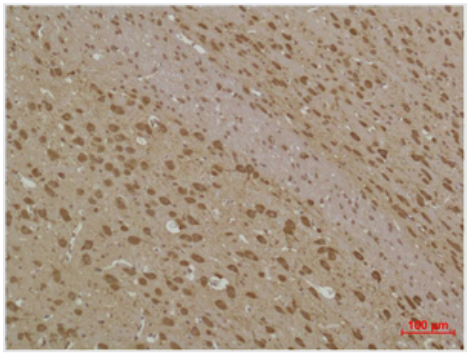
Immunohistochemistry (IHC)-Paraffin of anti-LC3B antibody
Dilution: WB: 1:1000-2000 IHC: 1:200-500 IF 1:200



Immunohistochemistry (IHC)-Paraffin of anti-LC3B antibody
Dilution: WB: 1:1000-2000 IHC: 1:200-500 IF 1:200



Immunofluorescence (IF) of anti-LC3B antibody
Dilution: WB: 1:1000-2000 IHC: 1:200-500 IF 1:200



of anti-LC3B antibody
Dilution: WB: 1:1000-2000 IHC: 1:200-500 IF 1:200

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LC3B. It may not necessarily be applicable to this product.

NCBI GI #	17433141
NCBI GeneID	81631
NCBI Accession #	Q9GZQ8.3
UniProt Primary Accession #	Q9GZQ8
UniProt Secondary Accession #	Q6NW02
UniProt Related Accession #	Q9GZQ8
NCBI Official Full Name	Microtubule-associated proteins 1A/1B light chain 3B
NCBI Official Synonym Full Names	microtubule-associated protein 1 light chain 3 beta
NCBI Official Symbol	MAP1LC3B
NCBI Official Synonym Symbols	LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3B
UniProt Synonym Protein Names	Autophagy-related protein LC3 B; Autophagy-related ubiquitin-like modifier LC3 B; MAP1 light chain 3-like protein 2; MAP1A/MAP1B light chain 3 B; MAP1A/MAP1B LC3 B; Microtubule-associated protein 1 light chain 3 beta
UniProt Gene Name	MAP1LC3B
UniProt Synonym Gene Names	MAP1ALC3; MAP1A/MAP1B LC3 B
UniProt Entry Name	MLP3B_HUMAN
NCBI Protein Information	microtubule-associated proteins 1A/1B light chain 3B; MAP1A/MAP1B LC3 B; MAP1A/MAP1B light chain 3 B; MAP1 light chain 3-like protein 2; autophagy-related ubiquitin-like modifier LC3 B

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