

Rabbit LC3B Polyclonal Antibody | anti-LC3B antibody

LC3B Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30772	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

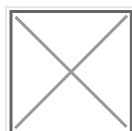
PRODUCT SYNONYMS

LC3B; Polyclonal Antibody; LC3B Rabbit Polyclonal Antibody; 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; YM3381; BH6842; anti-LC3B antibody

PRODUCT SPECIFICATIONS

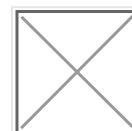
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous MAP LC3B protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-LC3B antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-2000 IHC: 1:200-500 IF: 1:200
Immunogen	Recombinant Protein of MAP LC3B
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



Application Data

Jia, Wei?Qiang, et al. "Verbascoside inhibits progression of glioblastoma cells by promoting Let?7g?5p and down?regulating HMGA2 via Wnt/beta?catenin signalling blockade." Journal of cellular and molecular medicine 24.5 (2020): 2901-2916.



IF (Immunofluorescence)

Immunofluorescence analysis of Hela cell. 1,Cleaved-PARP-1 (D214) Polyclonal Antibody(red) was diluted at 1:200(4 degree overnight). LC3B Polyclonal Antibody(green) was diluted at 1:200(4 degree overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).



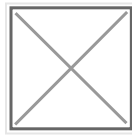
WB (Western Blot)

Western blot analysis of lysates from 1) HeLa, 2) 3T3, 3) Rat Brain Tissue cells, ?Green? primary antibody was diluted at 1:1000, 4 degree over night, secondary antibody was diluted at 1:10000, 37 degree 1hour. ?Red? GAPDH Monoclonal Antibody(2B8) antibody was diluted at 1:5000 as loading control, 4 degree over night, secondary antibody was diluted at 1:10000, 37 degree 1hour.



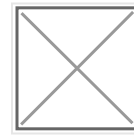
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue. 1, LC3B Polyclonal Antibody was diluted at 1:200(4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, LC3B Polyclonal Antibody was diluted at 1:200(4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1, LC3B Polyclonal Antibody was diluted at 1:200(4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

ADDITIONAL INFORMATION

Related Product Information for anti-LC3B antibody

The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of Cytoplasmic component. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	17433141
NCBI GeneID	81631
UniProt Accession #	Q9GZQ8; Q6NW02
Molecular Weight	125
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
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
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3B
UniProt Gene Name	MAP1LC3B
UniProt Synonym Gene Names	MAP1ALC3; MAP1A/MAP1B LC3 B
UniProt Entry Name	MLP3B_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/lc3b-antibody-western-blot-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/30772>