

Rabbit LC3B Polyclonal Antibody | anti-LC3B antibody

LC3B Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282255	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Western Blot

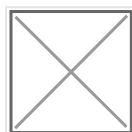
PRODUCT SYNONYMS

LC3B; Polyclonal Antibody; LC3B Rabbit pAb; ATG8F; MAP1LC3B-a; MAP1A/1BLC3; MAP1LC3B; LC3A/LC3B; anti-LC3B antibody

PRODUCT SPECIFICATIONS

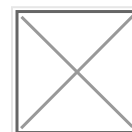
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	SQPSASPGEP SPPSIHPAQS ELIVEAGDTL SLTCIDPDFV RWTFKTYFNE MVENKKNEWI QEKAETRGTG TYTCSNSNGL TSSIVFVRD PAKLFLVGLP LFGKEDSDAL VRCPLTDPQV SNYSLIECDG KSLPTDLTFV PNPKAGITIK NVKRAYHRLC VRCAAQRDGT WLHSDKFTLK VRAAIKAIKV VSPETSHLL KKGDTFTVVC TIKDVSTSVN SMWLKMNPQP QHIAQVKHNS WHRGDFNYER QETLTISSAR VDDSGVFMCY ANNTFGSANV TTTLKVVEKG FINISPVKNT TVFVTDGENV DLVVEYEAYP KPEHQQWIYM NRTSANKGKD YVKSDNKSNI RYVNQLRLTR LKGTEGGTYT FLVNSDASA SVTFNVYVNT KPEILTYDRL INGMLQCVAE GFPEPTIDWY FCTGAEQRCT TPVSPVDVQV QNVSVSPFGK LVVQSSIDSS VFRHNGTVEC KASNDVGKSS AFFNFAFKGN NKEQIQAHT
Applicable Applications for anti-LC3B antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	Rat brain
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-50 of human LC3B (NP_073729.1).
Cellular Location	Cytoplasm, Cytoplasmic vesicle, Endomembrane system, Lipid-anchor, autophagosome, autophagosome membrane, cytoskeleton
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of 293T cells using LC3B Rabbit pAb at dilution of 1:100 (40x lens). 293T cells were treated by Chloroquine (50 uM) at 37 degree C for 20 hours. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using LC3B Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse brain using LC3B Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

**WB (Western Blot)**

Western blot analysis of extracts of rat brain, using MAP1LC3B antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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.
Product Categories/Family for anti-LC3B antibody	Cancer ; Signal Transduction ; Cell Biology & Developmental Biology ; Autophagy ; Cytoskeleton ; Microtubules ; Endocrine & Metabolism ; Mitochondrial metabolism ; Neuroscience ; Cardiovascular ; Heart ; ATGs ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	170650721
NCBI GeneID	16590
NCBI Accession #	NP_001116205.1
NCBI GenBank Nucleotide #	NM_001122733.1
UniProt Accession #	P05532; Q61415; Q61416; Q61417; Q6LEE9; Q6QJB7; Q6QJB8; Q7TS86; Q8C8K9
Molecular Weight	22,814 Da
NCBI Official Full Name	mast/stem cell growth factor receptor Kit isoform 1
NCBI Official Synonym Full Names	KIT proto-oncogene receptor tyrosine kinase
NCBI Official Symbol	Kit
NCBI Official Synonym Symbols	W; Bs; Fdc; Ssm; SCO1; SCO5; SOW3; CD117; c-KIT; Tr-kit; Gsfsc01; Gsfsc05; Gsfsc03
NCBI Protein Information	mast/stem cell growth factor receptor Kit
UniProt Protein Name	Mast/stem cell growth factor receptor Kit
UniProt Gene Name	Kit
UniProt Synonym Gene Names	Sl; SCFR

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-immunohistochemistry-immunocytochemistry-immunofluorescence-western-blot-elisa/282255>