Product Datasheet

LC3A / LC3B Polyclonal Antibody

Catalog No: #29357

Package Size: #29357-1 50ul #29357-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

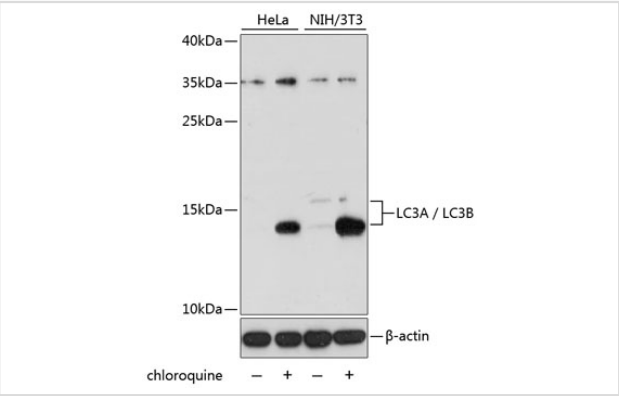
Description

Product Name	LC3A / LC3B Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human;Mouse
Immunogen Description	Recombinant fusion protein of human LC3A / LC3B (NP_073729.1).
Conjugates	Unconjugated
Other Names	MAP1LC3B;ATG8F;LC3B;MAP1A/1BLC3;MAP1LC3B-a;MAP1LC3A;ATG8E;LC3;LC3A;MAP1ALC3;MAP1BLC3;LC3A/LC3B
Accession No.	Uniprot:Q9GZQ8/Q9H492GeneID:84557/81631
Calculated MW	14kDa, 16kDa
SDS-PAGE MW	14kDa, 16kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

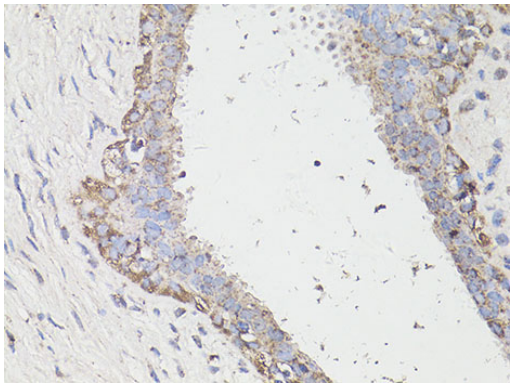
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

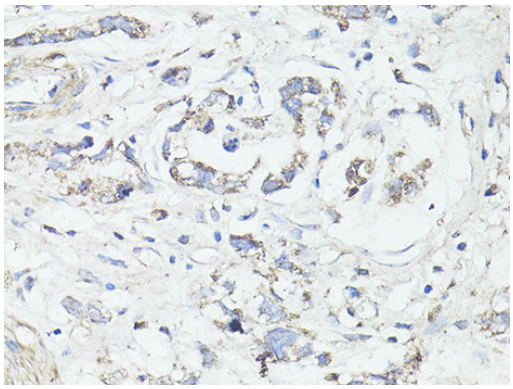
Images



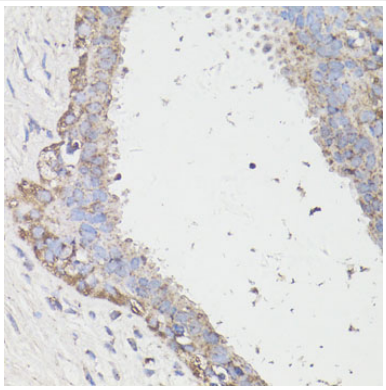
Western blot analysis of extracts of various cell lines, using LC3A/LC3B antibody.



Immunohistochemistry of paraffin-embedded human breast cancer using LC3A / LC3B antibody.



Immunohistochemistry of paraffin-embedded human gastric cancer using LC3A / LC3B antibody.



Immunohistochemistry of paraffin-embedded human mammary cancer using LC3A / LC3B antibody.

Background

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.

Published Papers

Juan Cheng;Juan Cheng;Juan Cheng;Juan Cheng;Zhiwei Zhao;Zhiwei Zhao;Zhiwei Zhao;Zhiwei Zhao;Ling Wang;Ling Wang;Ling Wang;Ling Wang;Jirui Wen;Jirui Wen;Jirui Wen;Jirui Wen;Yali Miao;Yali Miao;Yali Miao;Yali Miao;Jiang Wu;Jiang Wu;Jiang Wu;Jiang Wu el at., The Anti-Senescence Effect and Mechanism of 17β-Estradiol on Pelvic Organ Prolapse Derived Fibroblasts, , (2025)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.