

(KO Validated) LC3B Polyclonal Antibody

Catalog No. E-AB-61580

Note: Centrifuge before opening to ensure complete recovery of vial contents.

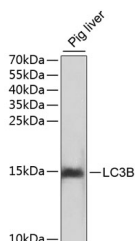
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human LC3B
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

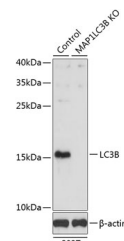
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:200

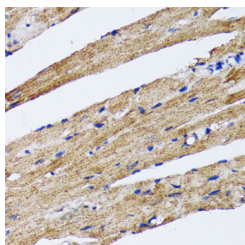
Data



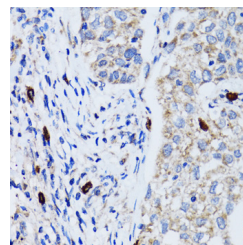
Western blot analysis of extracts of pig liver using LC3B Polyclonal Antibody.
Observed Mw:14kDa/16kDa
Calculated Mw:14kDa



Western blot analysis of extracts from normal (control) and LC3B knockout (KO) 293T cells using LC3B Polyclonal Antibody at dilution of 1:1000.

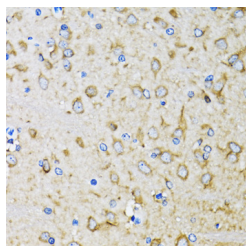


Immunohistochemistry of paraffin-embedded Rat heart using LC3B Polyclonal Antibody at dilution of 1:100 (40x lens).

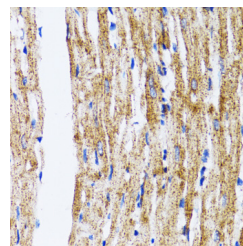


Immunohistochemistry of paraffin-embedded Human lung cancer using LC3B Polyclonal Antibody at dilution of 1:100 (40x lens).

For Research Use Only



Immunohistochemistry of paraffin-embedded Mouse brain using LC3B Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse heart using LC3B Polyclonal Antibody at dilution of 1:100 (40x lens).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.