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Datasheet for ABIN3198184

## anti-LC3B antibody

### 3 Images

#### Overview

Quantity:	200 µL
Target:	LC3B (MAP1LC3B)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LC3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

#### Product Details

Purpose:	Rabbit polyclonal antibody to LC3B
Immunogen:	KLH-conjugated synthetic peptide of human LC3B
Specificity:	Recognizes endogenous levels of LC3B protein.
Characteristics:	Rabbit polyclonal antibody to LC3B
Purification:	The antibody was purified by immunogen affinity chromatography.

#### Target Details

Target:	LC3B (MAP1LC3B)
Alternative Name:	LC3B ( <a href="#">MAP1LC3B Products</a> )
Background:	MAP1ALC3, Microtubule-associated proteins 1A/1B light chain 3B, Autophagy-related protein

## Target Details

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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

Gene ID: 81631, 67443, 64862

UniProt: [Q9GZQ8](#), [Q9CQV6](#), [Q62625](#)

Pathways: [Autophagy](#)

## Application Details

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Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

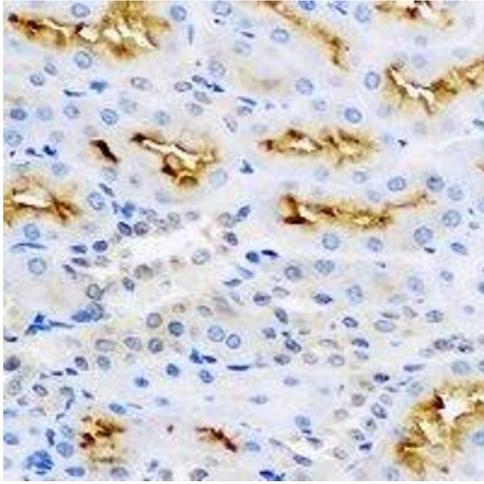
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

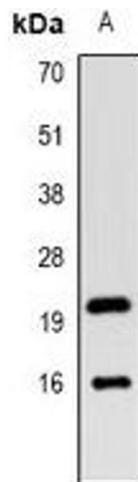
Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Expiry Date: 12 months



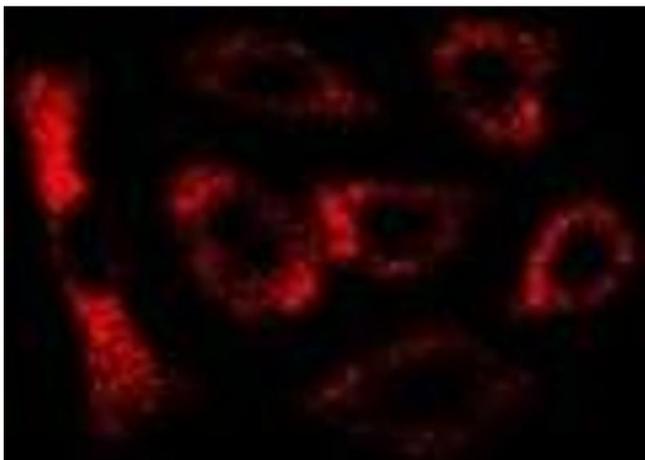
### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of LC3B staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the ant



### Western Blotting

**Image 2.** Western blot analysis of LC3B expression in mouse kidney (A) whole cell lysates.



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of LC3B staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i