Datasheet for ABIN6923112

anti-LC3B antibody (AA 1-30)

2 Images

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Overview

Quantity:	200 µL
Target:	LC3B (MAP1LC3B)
Binding Specificity:	AA 1-30
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LC3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against partial synthetic protein of human MAP1LC3B.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to amino acids 1-30 at N-terminus of human MAP1LC3B.
Cross-Reactivity:	Human, Rat

Target Details

Target:	LC3B (MAP1LC3B)
Alternative Name:	MAP1LC3B (MAP1LC3B Products)
Background:	Full Gene Name: microtubule-associated protein 1 light chain 3 beta Synonyms: LC3B,MAP1A/1BLC3

Target Details

Gene ID:	81631
Pathways:	Autophagy

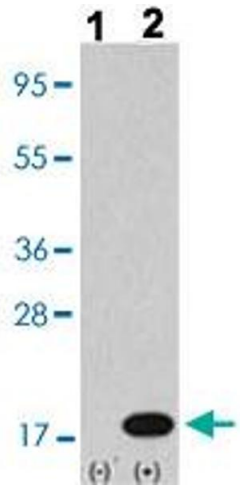
Application Details

Application Notes:	Immunofluorescence (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

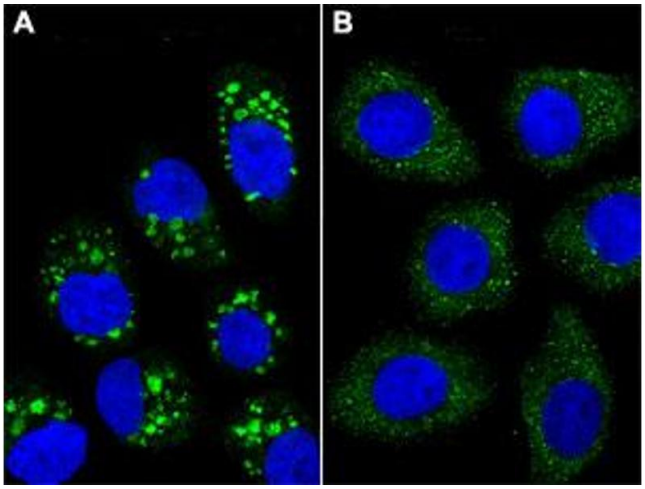
Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot analysis of Lane 1: Nontransfected 293 cell lysates (2 ug/lane), Lane 2: Transiently transfected 293 cell lysates (2 ug/lane) with MAP1LC3B polyclonal antibody at 1:1000 dilution.



Immunofluorescence

Image 2. Immunofluorescent staining of Chloroquine (50 uM, 16h) treated (A) and untreated (B) U251 cells with MAP1LC3B polyclonal antibody at 1:100 dilution.