

# LC3 antibody

Catalog Number: 112163

## Product name

LC3 antibody

## Specificity

Human, Mouse, Rat, Zebrafish; other species not tested.

## Antibody description

LC3 Rabbit Polyclonal antibody. Positive IF detected in Starvation treated HEK-293 cells. Positive WB detected in Chloroquine treated HeLa cells, Chloroquine treated HEK-293 cells, human brain tissue, mouse brain tissue, rat brain tissue. Observed molecular weight by Western-blot: 16 kDa

## Preparation

This antibody was obtained by immunization of LC3 recombinant protein (Accession Number: XM\_047440559). Purification method: Antigen affinity purified.

## Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, IF, WB

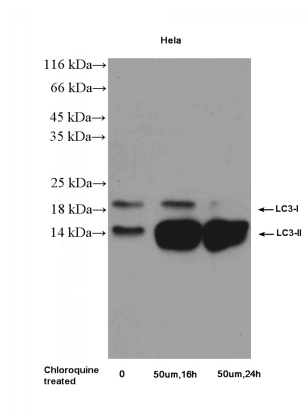
## Dilutions

Recommended Dilution:

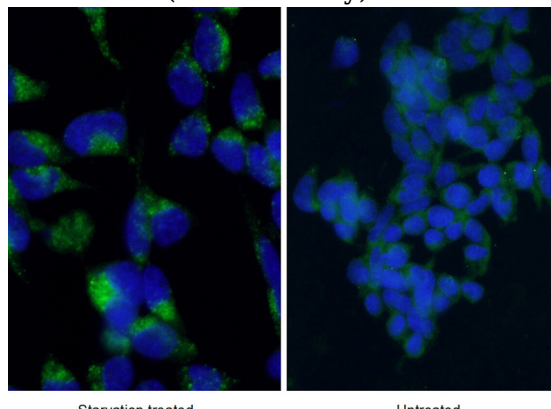
WB: 1:500-1:5000

IF: 1:20-1:200

## Validations



Chloroquine treated HeLa cells were subjected to SDS PAGE followed by western blot with Catalog No:112163 (LC3 Antibody) at dilution of 1:1000



Immunofluorescent analysis of starvation treated HEK-293 cells using Catalog No:112163 (LC3 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were fixed with ethanol at -20 °C. 20 mM chloroquine was used to block the autophagy flux.