

## LC3A antibody [166AT1234]

Cat. No. GTX17380

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC
Reactivity	Human, Mouse, Rat

References ( 16 )

★★★★★ Review ( 1 )

Package

200 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000
ICC/IF	1:25-200
IHC-P	Assay dependent
IHC	Assay dependent

Not tested in other applications.

## Properties

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	This LC3A antibody is generated from mouse immunized with a full length recombinant protein of human LC3 (APG8).
Purification	Protein G purified, followed by dialysis against PBS.
Conjugation	Unconjugated

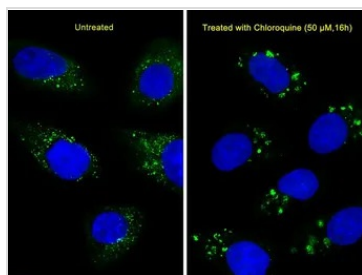
## Note

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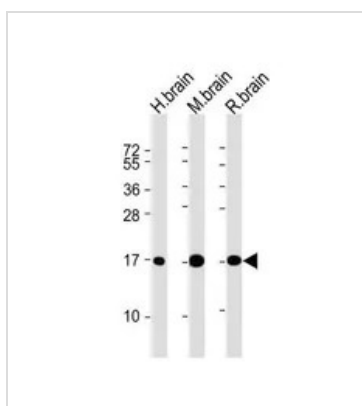
**DATA IMAGES**

**GTX17380 ICC/IF Image**

ICC/IF analysis of U251 cells untreated (left) or treated with Chloroquine (50  $\mu$ M, 16h) (right) using GTX17380 LC3A antibody [166AT1234].

Green : LC3A

Blue : DAPI

Dilution : 1:25


**GTX17380 WB Image**

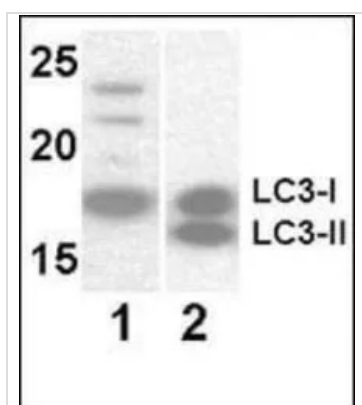
WB analysis of various samples using GTX17380 LC3A antibody [166AT1234].

Lane 1: human brain lysates

Lane 2: mouse brain lysates

Lane 3: rat brain lysates

Dilution : 1:2000

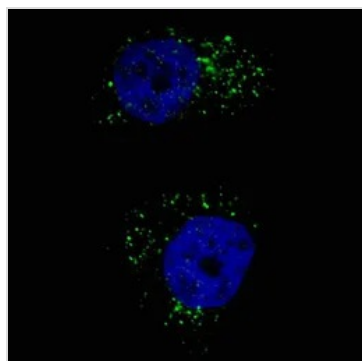

**GTX17380 WB Image**

WB analysis of multiple cell lysate using GTX17380 LC3A antibody [166AT1234].

Lane 1: Y79 (soluble fraction of cell extract)

Lane 2: 293 transfected with human LC3A (whole cell extract)

Dilution : 1:1000


**GTX17380 ICC/IF Image**

ICC/IF analysis of U251 cells treated with Chloroquine (50  $\mu$ M, 16h) using GTX17380 LC3A antibody [166AT1234].

Green : LC3A

Blue : cell nuclear

Fixation : 4% paraformaldehyde (PFA) (20 min)

Permeabilization : Triton X-100 (0.2%, 30 min)

Dilution : 1:200



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