

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 |

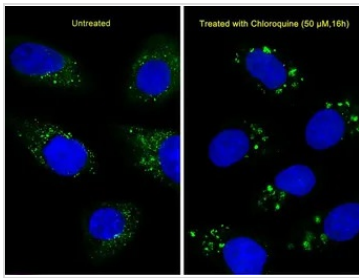
Note

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DATA IMAGES

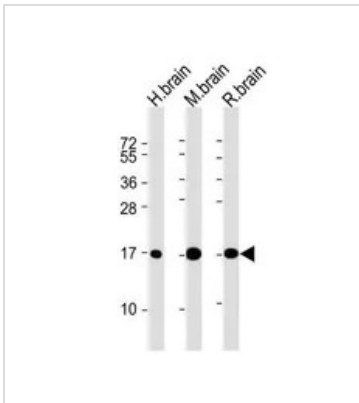
**GTX17380 ICC/IF Image**

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

Green : LC3A

Blue : DAPI

Dilution : 1:25

**GTX17380 WB Image**

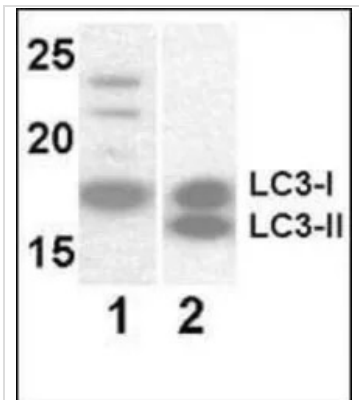
WB analysis of various samples using GTX17380 LC3A antibody [166AT1234].

Lane 1: human brain lysates

Lane 2: mouse brain lysates

Lane 3: rat brain lysates

Dilution : 1:2000

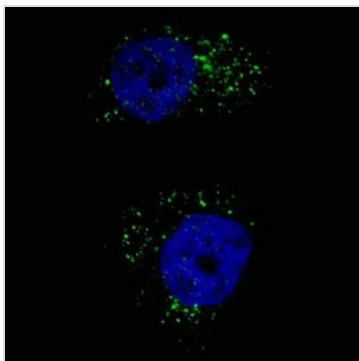
**GTX17380 WB Image**

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 μ 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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