

## LC3A antibody [166AT1234]

**Cat. No. GTX17380**

|                     |                        |
|---------------------|------------------------|
| <b>Host</b>         | Mouse                  |
| <b>Clonality</b>    | Monoclonal             |
| <b>Isotype</b>      | IgG1                   |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC |
| <b>Reactivity</b>   | 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

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS  |
| <b>Preservative</b>  | 0.09% Sodium azide   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | Batch dependent (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | This LC3A antibody is generated from mouse immunized with a full length recombinant protein of human LC3 (APG8).   |
| <b>Purification</b>  | Protein G purified, followed by dialysis against PBS.  |
| <b>Conjugation</b>   | Unconjugated   |

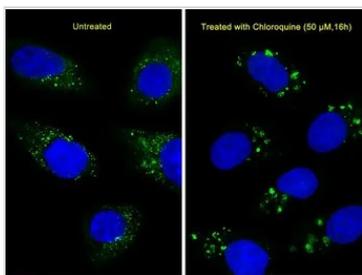
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DATA IMAGES



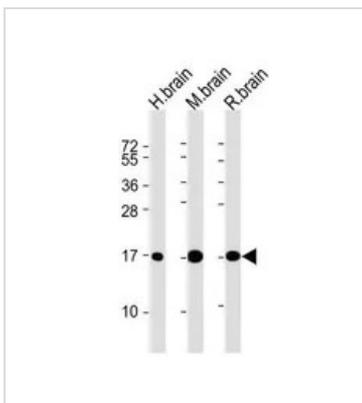
**GTX17380 ICC/IF Image**

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

Green : LC3A

Blue : DAPI

Dilution : 1:25



**GTX17380 WB Image**

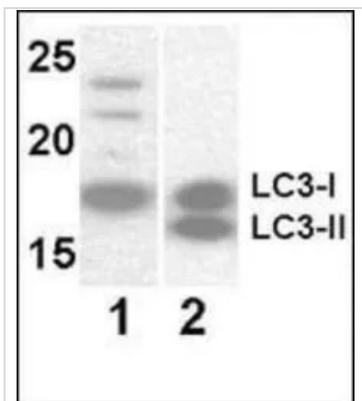
WB analysis of various samples using GTX17380 LC3A antibody [166AT1234].

Lane 1: human brain lysates

Lane 2: mouse brain lysates

Lane 3: rat brain lysates

Dilution : 1:2000



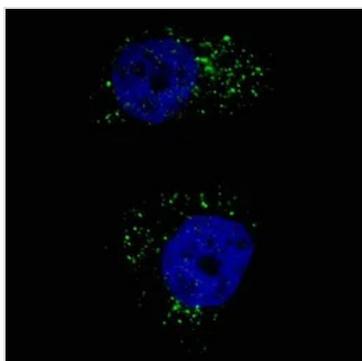
**GTX17380 WB Image**

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 μM, 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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