



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## LC3B antibody

Cat No. GTX127375

|             |                             |
|-------------|-----------------------------|
| Host        | Rabbit                      |
| Clonality   | Polyclonal                  |
| Isotype     | IgG                         |
| Application | WB, ICC/IF, IHC-P, FACS, IP |
| Reactivity  | Human, Mouse, Rat, Pig      |

Reference ( 38 )

★★★★★ Review ( 11 )

Package

25 µl, 100 µl

## APPLICATION

## Application Note

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

| Suggested dilution | Dilution     |
|--------------------|--------------|
| WB                 | 1:500-1:3000 |
| ICC/IF             | 1:100-1:1000 |
| IHC-P              | 1:100-1:1000 |
| FACS               | 1:50-1:200   |
| IP                 | 1:100-1:500  |

Not tested in other applications.

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Calculated MW           | 15 kDa. ( <a href="#">Note</a> )                   |
| Specificity/Sensitivity | Cross-reactivity may occur with other LC3 isoforms |

## PROPERTIES

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.                                                                                                                                         |
| 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 | 0.43 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| Immunogen     | Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human LC3B. The exact sequence is proprietary.                                                                        |
| Purification  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |
| Note          | For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.                                                                                   |



For full product information, images and publications, please visit our [website](#).

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**DATA IMAGES**

**GTX127375 ICC/IF Image**

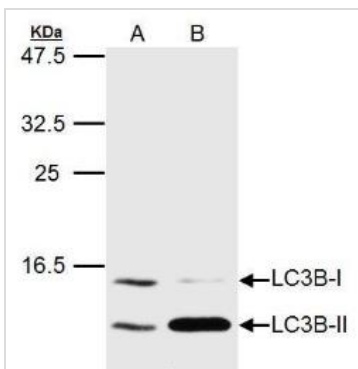
LC3B antibody detects LC3B protein at autophagosome by immunofluorescent analysis.

Samples: HeLa cells mock (left) and treated with 50µM Chloroquine for 24 hr (right) were fixed in 4% paraformaldehyde at RT for 15 min.

Green: LC3B protein stained by LC3B antibody (GTX127375) diluted at 1:2000.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Hoechst 33342 staining.


**GTX127375 WB Image**

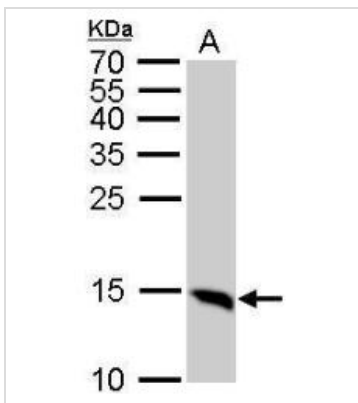
LC3B antibody detects MAP1LC3B protein by western blot analysis.

A. 20 µg Huh7 whole cell lysate/extract (untreated)

B. 20 µg Huh7 whole cell lysate/extract (3uM-Thapsigargin treatment for 12hr)

LC3B antibody (GTX127375) dilution: 1:1500

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX127375 WB Image**

LC3B antibody detects MAP1LC3B protein by western blot analysis.

A. 50 µg Rat brain lysate/extract

15% SDS-PAGE

LC3B antibody (GTX127375) dilution: 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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