

## LC3B antibody [HL2798]

Cat. No. GTX639686

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

Package  
100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 16 (LC3BI), 14 (LC3BII, autophagosome marker) kDa.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide of human LC3B.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

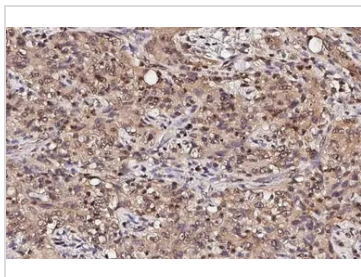
## Note

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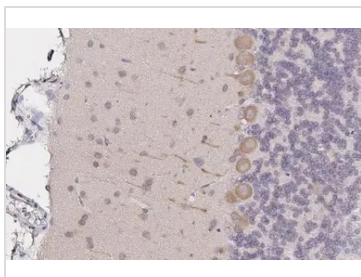
**DATA IMAGES**

**GTX639686 IHC-P Image**

LC3B antibody [HL2798] detects LC3B protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human lung cancer.

LC3B stained by LC3B antibody [HL2798] (GTX639686) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

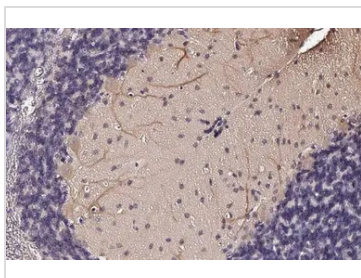

**GTX639686 IHC-P Image**

LC3B antibody [HL2798] detects LC3B protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat cerebellum.

LC3B stained by LC3B antibody [HL2798] (GTX639686) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

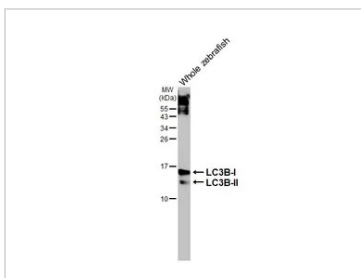

**GTX639686 IHC-P Image**

LC3B antibody [HL2798] detects LC3B protein at cytoplasm by immunohistochemical analysis.

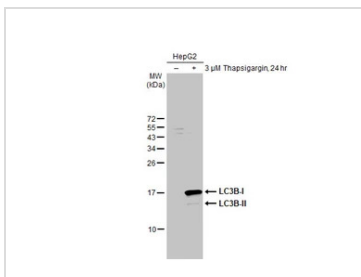
Sample: Paraffin-embedded mouse cerebellum.

LC3B stained by LC3B antibody [HL2798] (GTX639686) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX639686 WB Image**

Whole cell extract (30 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with LC3B antibody [HL2798] (GTX639686) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.


**GTX639686 WB Image**

Untreated (–) and treated (+) HepG2 whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with LC3B antibody [HL2798] (GTX639686) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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