

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

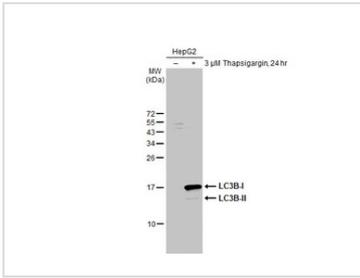
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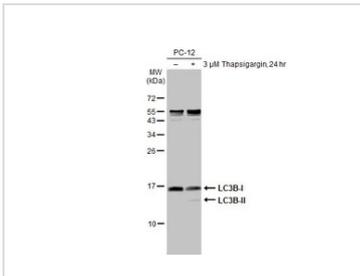
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DATA IMAGES



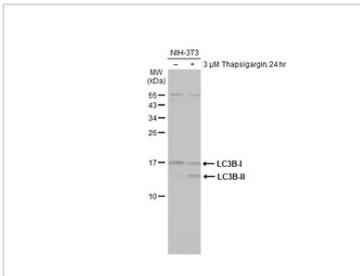
GTX639686 WB Image

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.



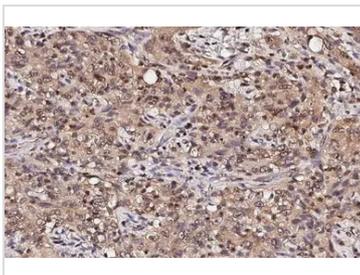
GTX639686 WB Image

Untreated (-) and treated (+) PC-12 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.



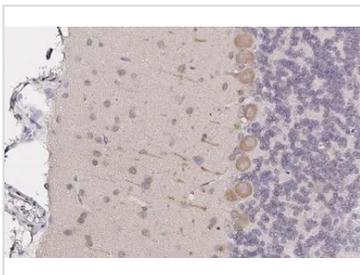
GTX639686 WB Image

Untreated (-) and treated (+) NIH-3T3 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.



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



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