

Product Name: LC3B (8H6) Mouse Monoclonal Antibody
Catalog #: AMM00751



Summary

Production Name	LC3B (8H6) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	MAP1LC3B
Alternative Names	MAP1LC3B
Gene ID	81631
SwissProt ID	Q9GZQ8.

Application

Dilution Ratio	IHC: 1:50-1:100
Molecular Weight	-

Background

Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill

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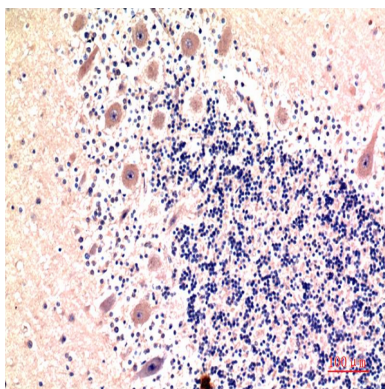


cellular energy requirements and preventing excess ROS production.

Research Area

Signal Transduction

Image Data



Immunohistochemistry analysis of paraffin-embedded Human Brain Tissue using LC3B (8H6) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.