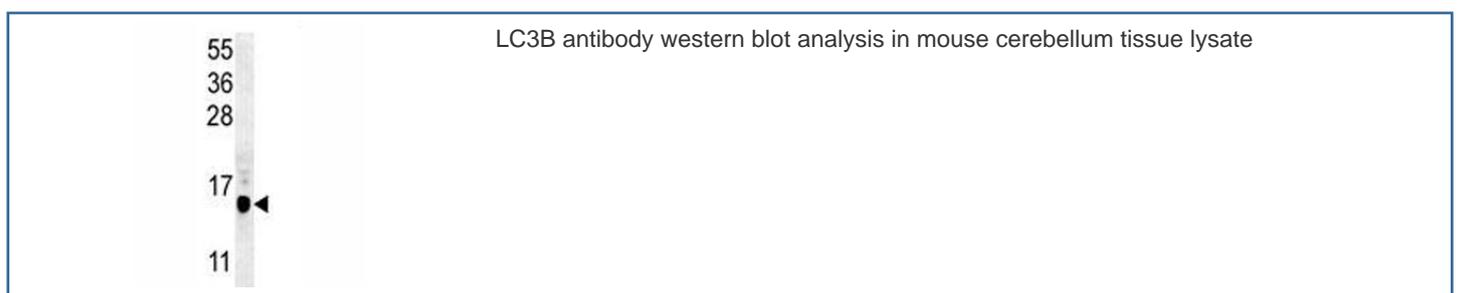
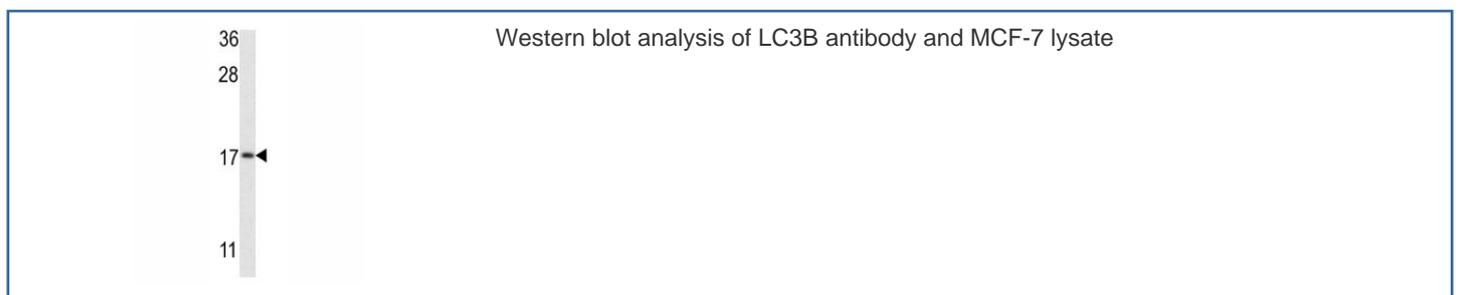


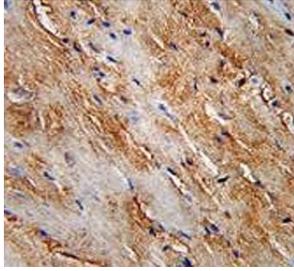
LC3B Antibody (F46116)

Catalog No.	Formulation	Size
F46116-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F46116-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

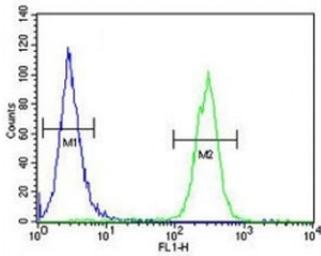
[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9GZQ8
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This LC3B antibody is available for research use only.





LC3B antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.



LC3B antibody flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.

Application Notes

Titration of the LC3B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 74-106 (containing T93/Y99) from the human protein was used as the immunogen for this LC3B antibody.

Storage

Aliquot the LC3B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.