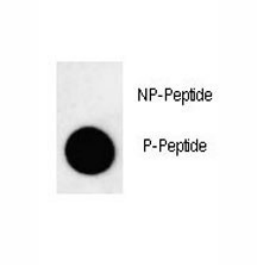
Phospho-LC3B Antibody (pT29) (F48644)

Catalog No.	Formulation	Size
F48644-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48644-0.08ML	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
Predicted Reactivity	Bovine, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9GZQ8
Applications	Dot blot: 1:500
Limitations	This phospho-LC3B antibody is available for research use only.



Dot blot analysis of phospho-LC3B antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.

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 phospho-LC3B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This phospho-LC3B antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pT29 of human MAP1LC3B.

Storage

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

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