

Datasheet for ABIN3028838

anti-LC3B antibody (pThr93, pTyr99)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	LC3B (MAP1LC3B)
Binding Specificity:	pThr93, pTyr99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LC3B antibody is un-conjugated
Application:	ELISA, Dot Blot (DB)

Product Details

Immunogen:	This phospho-LC3B antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pT93/Y99 of human MAP1LC3B.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	LC3B (MAP1LC3B)
Alternative Name:	LC3B (MAP1LC3B Products)
Background:	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

Target Details

on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.

UniProt: [Q9GZQ8](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Titration of the phospho-LC3B antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Dot blot: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

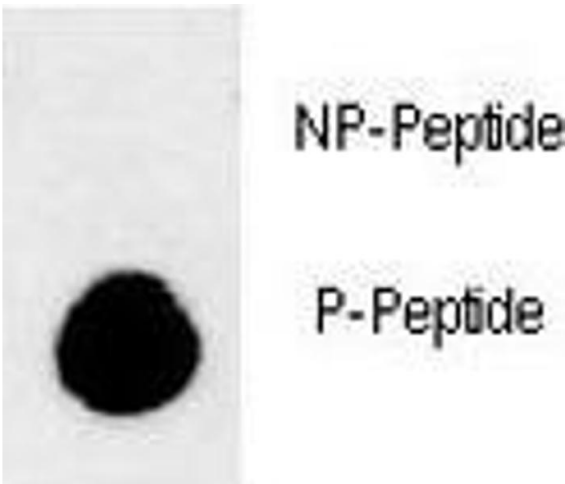
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

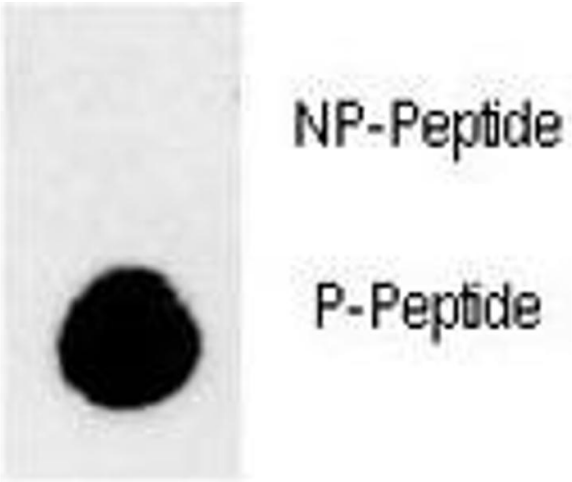
Storage Comment: Aliquot the phospho-LC3B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Dot Blot

Image 1. Dot blot analysis of phospho-LC3B antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.



Dot Blot

Image 2. Dot blot analysis of phospho-LC3B antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.