

Recombinant LC3B Monoclonal Antibody

catalog number: **AN301035L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

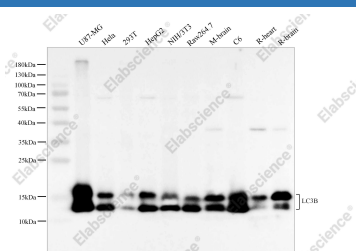
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human LC3B protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110659
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:200-1:1000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



Western blot analysis of U87-MG,HeLa, 293T,HepG2,NIH/3T3,RAW 264.7,Mouse brain,C6,Rat heart and Rat brain cell lysates using LC3B Antibody (AN301035L) at a dilution of 1:1500.

Observed-MW:14 kDa,16 kDa

Calculated-MW:14 kDa,16 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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

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