

## MAP1LC3A Rabbit monoclonal antibody

Catalog: BS9925M

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Autophagy marker Light Chain 3 (LC3) was originally identified as a subunit of microtubule-associated proteins 1A and 1B (termed MAP1LC3), and subsequently found to contain similarity to the yeast protein Apg8/Aut7/Cvt5 critical for autophagy. Three human LC3 isoforms (LC3A, LC3B, and LC3C) undergo post-translational modifications during autophagy.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 14 kDa

### Swiss-Prot:

Q9H492

### Purification&Purity:

Protein A affinity purified

### Applications:

WB: 1:1000-1:2000

IHC/ICC/IF: 1:50-1:200

FC: 1:50-1:100

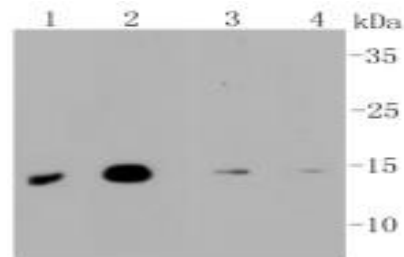
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

This antibody detects endogenous levels of MAP1LC3A and does not cross-react with related proteins.

### DATA:



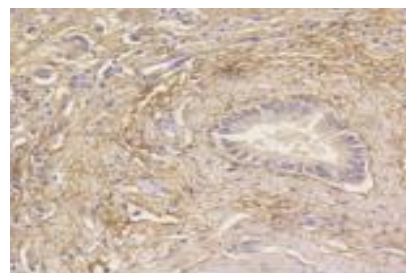
Western blot (WB) analysis of MAP1LC3A Rabbit mAb at 1:1000 dilution

Lane1:SHG-44 whole cell lysate

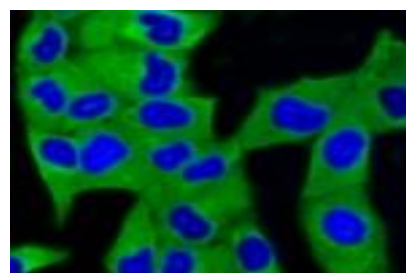
Lane2:The brain tissue lysate of Mouse

Lane3:The liver tissue lysate of Mouse

Lane4:The skeletal muscle lysate of Mouse



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-MAP1LC3A antibody. Counter stained with hematoxylin.



ICC staining MAP1LC3A in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton \*100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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