

## Rabbit LC3A Polyclonal Antibody | anti-LC3A antibody

Anti-LC3A Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA269802</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

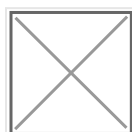
### PRODUCT SYNONYMS

LC3A; Polyclonal Antibody; Anti-LC3A Antibody; Microtubule-associated proteins 1A/1B light chain 3A; Autophagy-related protein LC3 A; Autophagy-related ubiquitin-like modifier LC3 A; MAP1 light chain 3-like protein 1; MAP1A/MAP1B light chain 3 A; MAP1A/MAP1B LC3 A; Microtubule-associated protein 1 light chain 3 alpha; anti-LC3A antibody

### PRODUCT SPECIFICATIONS

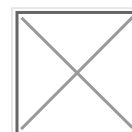
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Clonality                                      | Polyclonal                                                                                                     |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Applicable Applications for anti-LC3A antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                      | Recombinant full length protein of human LC3A                                                                  |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of LC3A staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of LC3A expression in mouse brain (A), rat brain (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-LC3A antibody | Rabbit polyclonal antibody to LC3A |
| Product Categories/Family for anti-LC3A antibody   | <a href="#">Primary Antibody</a>   |

### NCBI AND UNIPROT INFORMATION

|             |                          |
|-------------|--------------------------|
| NCBI GI #   | <a href="#">85701362</a> |
| NCBI GeneID | <a href="#">84557</a>    |

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | Q9H492; Q9BXW5; E1P5P4; E1P5P5                                                                                                                                                                                     |
| Molecular Weight                 | 14,272 Da                                                                                                                                                                                                          |
| NCBI Official Full Name          | Microtubule-associated proteins 1A/1B light chain 3A                                                                                                                                                               |
| NCBI Official Synonym Full Names | microtubule-associated protein 1 light chain 3 alpha                                                                                                                                                               |
| NCBI Official Symbol             | MAP1LC3A                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | LC3; LC3A; ATG8E; MAP1ALC3; MAP1BLC3                                                                                                                                                                               |
| NCBI Protein Information         | microtubule-associated proteins 1A/1B light chain 3A; MAP1A/MAP1B LC3 A; MAP1A/1B light chain 3 A; MAP1A/MAP1B light chain 3 A; MAP1 light chain 3-like protein 1; autophagy-related ubiquitin-like modifier LC3 A |
| UniProt Protein Name             | Microtubule-associated proteins 1A/1B light chain 3A                                                                                                                                                               |
| UniProt Gene Name                | <b>MAP1LC3A</b>                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | MAP1A/MAP1B LC3 A                                                                                                                                                                                                  |
| UniProt Entry Name               | MLP3A_HUMAN                                                                                                                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lc3a-antibody-immunohistochemistry-western-blot-elisa/269802>