

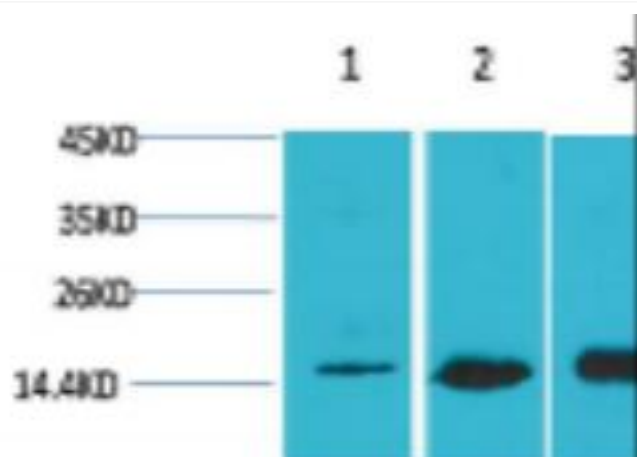


# LC3B Rabbit pAb

|                                  |                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-18227                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>                | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>              | WB,IHC,IF                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                 | MAP1LC3B                                                                                                                                                                                                                                                                                                           |
| <b>Alternative Names</b>         | MAP1LC3B                                                                                                                                                                                                                                                                                                           |
| <b>Dilution</b>                  | WB-1:1000-1:2000; IHC-1:200-1:500; IF-1:50-1:200                                                                                                                                                                                                                                                                   |
| <b>Research Field</b>            | Signal Transduction                                                                                                                                                                                                                                                                                                |
| <b>Product Categories</b>        | Primary antibody                                                                                                                                                                                                                                                                                                   |
| <b>Host</b>                      | Rabbit                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Weight</b>          | Calculated MW: 15 kDa; Observed MW: 14,16 kDa                                                                                                                                                                                                                                                                      |
| <b>Clonality</b>                 | Polyclonal Antibody                                                                                                                                                                                                                                                                                                |
| <b>Cited</b>                     | COIP (Human)                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                 | Recombinant Protein of MAP LC3 $\beta$                                                                                                                                                                                                                                                                             |
| <b>Purification</b>              | Affinity Purified                                                                                                                                                                                                                                                                                                  |
| <b>Conjugation</b>               | Unconjugated                                                                                                                                                                                                                                                                                                       |
| <b>Modification</b>              | Unmodified                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>                      | Liquid                                                                                                                                                                                                                                                                                                             |
| <b>Buffer System</b>             | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                                    |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>                    | $\geq 90\%$                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>                   | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                                                                                                                                                                           |
| <b>Background</b>                | Ubiquitin-like modifier involved information of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating themitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production. |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                               |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of LC3B in Hela, 3T3, rat Brain lysates using LC3B antibody.



Immunohistochemistry analysis of paraffin-embedded rat Brain Tissue using LC3B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.