

Anti-ATG16L1 Rabbit Monoclonal Antibody

Introduction

Plays an essential role in autophagy: interacts with ATG12-ATG5 to mediate the conjugation of phosphatidylethanolamine (PE) to LC3 (MAP1LC3A, MAP1LC3B or MAP1LC3C), to produce a membrane-bound activated form of LC3 named LC3-II. Thereby, controls the elongation of the nascent autophagosomal membrane.

Product parameters

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| Alternative Names | ATG16L1; APG16L; Autophagy-related protein 16-1; APG16-like 1 |
| Gene ID | 55054 |
| Gene Name | ATG16L1 |
| SwissProt ID | Q676U5 |
| Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Molecular Weight | Calculated MW: 68 kDa; Observed MW: 68 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Unmodified |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-18B4A3 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Free |
| Immunogen | A synthesized peptide derived from human Atg16L1 |
| Purification | Affinity Chromatography |
| Buffer System | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Application | WB, IHC-P |
| Dilution Ratio | WB: 1/500-1/1000 IHC: 1/50-1/100 |
| Research Field | Cell Biology |
| Product Categories | Primary antibody |
| Shipping | Blue ice |

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|-----------------|----------------------------------|
| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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