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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|--|--|
| Product Number | ARP59065_P050-Biotin |
| Product Page | www.avivasysbio.com/atg10-antibody-c-terminal-region-biotin-arp59065-p050-biotin.html |
| Name | ATG10 Antibody - C-terminal region : Biotin (ARP59065_P050-Biotin) |
| Protein Size (# AA) | 220 amino acids |
| Molecular Weight | 25kDa |
| Conjugation | Biotin |
| NCBI Gene Id | 83734 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Alias Symbols | APG10, APG10L, pp12616 |
| Peptide Sequence | Synthetic peptide located within the following region: FFVLHPCKTNEFMTPVLKNSQKINKNVNYITSWLSIVGPVVGLNLPLSYA |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Description of Target | Autophagy is a process for the bulk degradation of cytosolic compartments by lysosomes. ATG10 is an E2-like enzyme involved in 2 ubiquitin-like modifications essential for autophagosome formation: ATG12-ATG5 conjugation and modification of a soluble form of MAP-LC3 (MAP1LC3A), a homolog of yeast Apg8, to a membrane-bound form. |
| Protein Interactions | ATG3; ATG4B; ATG7; HAT1; USP11; USP7; RBBP7; MAP1B; KRT85; ADSS; ATG5; ATG12; |
| Reconstitution and Storage | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding. |
| Datasheets/Manuals | Printable datasheet for anti-ATG10 (ARP59065_P050-Biotin) antibody |
| Blocking Peptide | For anti-ATG10 (ARP59065_P050-Biotin) antibody is Catalog # AAP59065 |
| Immunogen | The immunogen is a synthetic peptide directed towards the C-terminal region of Human ATG10 |
| Uniprot ID | Q9H0Y0 |
| Protein Name | Ubiquitin-like-conjugating enzyme ATG10 |
| Protein Accession # | NP_001124500 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_001131028 |
| Gene Symbol | ATG10 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 93% |

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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