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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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 | ARP58925_P050-FITC |
| Product Page | www.avivasysbio.com/atg16l1-antibody-middle-region-fitc-arp58925-p050-fitc.html |
| Name | ATG16L1 Antibody - middle region : FITC (ARP58925_P050-FITC) |
| Protein Size (# AA) | 266 amino acids |
| Molecular Weight | 29kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| NCBI Gene Id | 55054 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | ATG16 autophagy related 16-like 1 (S. cerevisiae) |
| Alias Symbols | IBD10, WDR30, APG16L, ATG16A, ATG16L |
| Peptide Sequence | Synthetic peptide located within the following region: TRRSVSSEFPVPQDNVDTHPGSGKEVRVPATALCVFDAHDGEVNAVQFSPG |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Description of Target | Autophagy is the major intracellular degradation system delivering cytoplasmic components to lysosomes, and it accounts for degradation of most long-lived proteins and some organelles. Cytoplasmic constituents, including organelles, are sequestered into double-membraned autophagosomes, which subsequently fuse with lysosomes. ATG16L1 is a component of a large protein complex essential for autophagy. |
| Protein Interactions | WPI2; RB1CC1; DEDD2; TRAF3IP3; NOD2; TMEM59; TLR2; SUMO2; ATG13; ATG5; ULK1; UBC; TNK2; SYNPO2; ATG12; NOD1; WDFY3; APP; RAB33B; RAB35; RAB3D; RAB33A; HSPA4; FCGRT; CLTC; AP2M1; ELAVL1; MAP1LC3C; MAP1LC3B; ATG3; CCT2; CCT7; AGPS; GAN; CCT3; SNAPC4; ATG16 |
| 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-ATG16L1 (ARP58925_P050-FITC) antibody |
| Blocking Peptide | For anti-ATG16L1 (ARP58925_P050-FITC) antibody is Catalog# AAP58925 |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human ATG16L1 |
| Uniprot ID | Q676U5 |
| Protein Name | Autophagy-related protein 16-1 |
| Sample Type Confirmation | ATG16L1 is supported by BioGPS gene expression data to be expressed in Jurkat |
| Protein Accession # | NP_942593 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_198890 |
| Gene Symbol | ATG16L1 |
| Predicted Species Reactivity | Human, Rat, Cow, Dog, Horse, Pig, Rabbit |
| Application | WB |

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|---|--|
| Predicted Homology Based on Immunogen Sequence | Cow: 86%; Dog: 93%; Horse: 79%; Human: 100%; Pig: 93%; Rabbit: 79%; Rat: 79% |
| Image 1 |  A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their bases. |

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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