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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 | ARP58927_P050-FITC |
| Product Page | www.avivasysbio.com/atg4a-antibody-middle-region-fitc-arp58927-p050-fitc.html |
| Name | ATG4A Antibody - middle region : FITC (ARP58927_P050-FITC) |
| Protein Size (# AA) | 259 amino acids |
| Molecular Weight | 28kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| NCBI Gene Id | 115201 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | autophagy related 4A, cysteine peptidase |
| Alias Symbols | APG4A, AUTL2 |
| Peptide Sequence | Synthetic peptide located within the following region: AVYVSM DNTV VIEDIKK MCRV LPLSADTAGDRPPDSL TASNQSD E LIFLD |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Description of Target | Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Transcript variants that encode distinct isoforms have been identified. |
| 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-ATG4A (ARP58927_P050-FITC) antibody |
| Blocking Peptide | For anti-ATG4A (ARP58927_P050-FITC) antibody is Catalog # AAP58927 |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human ATG4A |
| Uniprot ID | Q8WYN0 |
| Protein Name | cysteine protease ATG4A |
| Protein Accession # | NP_443168.2 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_052936.3 |
| Gene Symbol | ATG4A |
| Predicted Species Reactivity | Human, Rat |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Human: 100%; Rat: 83% |

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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