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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP59065_P050-FITC
Product Page	www.avivasysbio.com/atg10-antibody-c-terminal-region-fitc-arp59065-p050-fitc.html
Name	ATG10 Antibody - C-terminal region : FITC (ARP59065_P050-FITC)
Protein Size (# AA)	220 amino acids
Molecular Weight	25kDa
Conjugation	FITC: Fluorescein Isothiocyanate
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-FITC) antibody
Blocking Peptide	For anti-ATG10 (ARP59065_P050-FITC) 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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