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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	ARP59072_P050-Biotin
Product Page	www.avivasysbio.com/atg7-antibody-c-terminal-region-biotin-arp59072-p050-biotin.html
Name	Atg7 Antibody - C-terminal region : Biotin (ARP59072_P050-Biotin)
Protein Size (# AA)	698 amino acids
Molecular Weight	76kDa
Conjugation	Biotin
NCBI Gene Id	312647
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	autophagy related 7
Alias Symbols	Apg7l
Peptide Sequence	Synthetic peptide located within the following region: KLVINAALGFDTFVVMRHGLKKPKQQGAGDLCPSHLVAPADLGSSLFANI
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Atg7 functions as an E1 enzyme essential for multisubstrates such as ATG8-like proteins and ATG12. It forms intermediate conjugates with ATG8-like proteins (GABARAP, GABARAPL1, GABARAPL2 or MAP1LC3A). PE-conjugation to ATG8-like proteins is essential for autophagy. It also acts as an E1 enzyme for ATG12 conjugation to ATG5 and ATG3.
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-Atg7 (ARP59072_P050-Biotin) antibody
Blocking Peptide	For anti-Atg7 (ARP59072_P050-Biotin) antibody is Catalog# AAP59072
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Rat Atg7
Uniprot ID	Q641Y5
Protein Name	Ubiquitin-like modifier-activating enzyme ATG7
Protein Accession #	NP_001012097
Purification	Affinity Purified
Nucleotide Accession #	NM_001012097
Gene Symbol	Atg7
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%

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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