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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	ARP59069_P050-Biotin
Product Page	www.avivasysbio.com/atg3-antibody-middle-region-biotin-arp59069-p050-biotin.html
Name	ATG3 Antibody - middle region : Biotin (ARP59069_P050-Biotin)
Protein Size (# AA)	314 amino acids
Molecular Weight	36kDa
Conjugation	Biotin
NCBI Gene Id	64422
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ATG3 autophagy related 3 homolog (S. cerevisiae)
Alias Symbols	APG3, APG3L, PC3-96, APG3-LIKE
Peptide Sequence	Synthetic peptide located within the following region: SDELEAIIIEEDDGDGGWVDTYHNTGITGITEAVKEITLENKDNIRLQDCS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Autophagy is a process of bulk degradation of cytoplasmic components by the lysosome or vacuole. Human ATG3 displays the same enzymatic characteristics in vitro as yeast Apg3, a protein-conjugating enzyme essential for autophagy (Tanida et al., 2002 [PubMed 11825910]).
Protein Interactions	HUWE1; MAP1LC3B; UBC; SUMO1; NEDD8; ATG7; ATG5; ATG12; BECN1; HSPA9; DFFA; ASS1; NHLRC2; NANS; TNFAIP8; RPL23; BAG3; FBNP1L; GABARAPL1; MAP1LC3A; CFLAR; CREBBP; MAP1LC3C; ATG10; AMBRA1; ATG16L1; TECPR1; OBSL1; ATG4B; GABARAPL2; GABARAP; MAP1B; KRT85;
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-ATG3 (ARP59069_P050-Biotin) antibody
Blocking Peptide	For anti-ATG3 (ARP59069_P050-Biotin) antibody is Catalog# AAP59069 (Previous Catalog# AAPP45758)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATG3
Uniprot ID	Q9NT62
Protein Name	Ubiquitin-like-conjugating enzyme ATG3
Sample Type Confirmation	ATG3 is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_071933
Purification	Affinity Purified
Nucleotide Accession #	NM_022488
Gene Symbol	ATG3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 79%; Guinea Pig: 86%; Horse: 79%; Human: 100%; Mouse: 79%; Rabbit: 86%; Rat: 86%
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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