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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	ARP58924_P050-FITC
Product Page	www.avivasysbio.com/atg16l1-antibody-n-terminal-region-fitc-arp58924-p050-fitc.html
Name	ATG16L1 Antibody - N-terminal region : FITC (ARP58924_P050-FITC)
Protein Size (# AA)	523 amino acids
Molecular Weight	58kDa
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: EYDALQITFTALEGKLRKTTEENQELVTRWMAEKAQEANRLNAENEKDSR
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	WIPI2; 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 (ARP58924_P050-FITC) antibody
Blocking Peptide	For anti-ATG16L1 (ARP58924_P050-FITC) antibody is Catalog# AAP58924 (Previous Catalog # AAPP44871)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATG16L1
Uniprot ID	Q53SV2
Protein Name	Putative uncharacterized protein FLJ10035 EMBL AAY14860.1
Sample Type Confirmation	ATG16L1 is supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_001177195
Purification	Affinity Purified
Nucleotide Accession #	NM_001190266
Gene Symbol	ATG16L1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 86%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shaped structure. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two arms of the Y represent the antigen-binding sites.

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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