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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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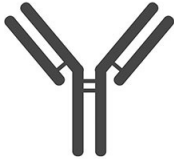
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Product Number	ARP54272_P050-HRP
Product Page	www.avivasysbio.com/atg16l1-antibody-middle-region-hrp-arp54272-p050-hrp.html
Name	ATG16L1 Antibody - middle region : HRP (ARP54272_P050-HRP)
Protein Size (# AA)	607 amino acids
Molecular Weight	68kDa
Conjugation	HRP: Horseradish Peroxidase
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: TSPVRAISRAATKRLSQPAGGLDSITNIEGRRSVSSEFPVPQDNVDTHPG
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Hancock,L., (er) Inflamm. Bowel Dis. (2008) In press
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. 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 (Mizushima et al., 2003 [PubMed 12665549]).[supplied by OMIM].
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 (ARP54272_P050-HRP) antibody
Blocking Peptide	For anti-ATG16L1 (ARP54272_P050-HRP) antibody is Catalog # AAP54272 (Previous Catalog # AAP31021)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATG16L1
Uniprot ID	Q676U5
Protein Name	Autophagy-related protein 16-1
Protein Accession #	NP_110430
Purification	Affinity Purified
Nucleotide Accession #	NM_030803
Gene Symbol	ATG16L1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; 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.