



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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Product Number	ARP58924_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/atg16l1-antibody-n-terminal-region-hrp-arp58924-p050-hrp.html">www.avivasysbio.com/atg16l1-antibody-n-terminal-region-hrp-arp58924-p050-hrp.html</a>
Name	ATG16L1 Antibody - N-terminal region : HRP (ARP58924_P050-HRP)
Protein Size (# AA)	523 amino acids
Molecular Weight	58kDa
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: <a href="#">EYDALQITFTALEGKLRKTTEENQELVTRWMAEKAQEANRLNAENEKDSR</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 <a href="#">anti-ATG16L1 (ARP58924_P050-HRP) antibody</a>
Blocking Peptide	For anti-ATG16L1 (ARP58924_P050-HRP) antibody is <a href="#">Catalog# AAP58924</a> (Previous Catalog# AAPP44871)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATG16L1
Uniprot ID	<a href="#">Q53SV2</a>
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 #	<a href="#">NP_001177195</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_001190266</a>
Gene Symbol	<a href="#">ATG16L1</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 86%
<b>Image 1</b>	

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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