



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58865_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/atg4d-antibody-middle-region-biotin-arp58865-p050-biotin.html">www.avivasysbio.com/atg4d-antibody-middle-region-biotin-arp58865-p050-biotin.html</a>
Name	ATG4D Antibody - middle region : Biotin (ARP58865_P050-Biotin)
Protein Size (# AA)	474 amino acids
Molecular Weight	53kDa
Conjugation	Biotin
NCBI Gene Id	84971
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ATG4 autophagy related 4 homolog D (S. cerevisiae)
Alias Symbols	APG4D, AUTL4, APG4-D
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">AQQAPELEQERRHRQIVSWFADHPRAPFGLHRLVELGQSSGKKAGDWYGP</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases.
Protein Interactions	UBC;
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-ATG4D (ARP58865_P050-Biotin) antibody</a>
Blocking Peptide	For anti-ATG4D (ARP58865_P050-Biotin) antibody is <a href="#">Catalog # AAP58865</a> (Previous Catalog # AAPP44812)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATG4D
Uniprot ID	<a href="#">Q86TL0</a>
Protein Name	Cysteine protease ATG4D
Protein Accession #	<a href="#">NP_116274</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_032885</a>
Gene Symbol	<a href="#">ATG4D</a>
Predicted Species Reactivity	Human, Mouse, Cow, Dog, Guinea Pig, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Human: 100%; Mouse: 90%; Pig: 100%; Rabbit: 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.

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)