



# 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	ARP59071_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/atg5-antibody-middle-region-hrp-arp59071-p050-hrp.html">www.avivasysbio.com/atg5-antibody-middle-region-hrp-arp59071-p050-hrp.html</a>
Name	ATG5 Antibody - middle region : HRP (ARP59071_P050-HRP)
Protein Size (# AA)	275 amino acids
Molecular Weight	32kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	9474
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ATG5 autophagy related 5 homolog (S. cerevisiae)
Alias Symbols	ASP, APG5, APG5L, hAPG5, SCAR25, APG5-LIKE
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">RFDQFWAINRKLMEYPAEENGFYIPFRIYQTTTERPFIQKLERPVAADG</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	ATG5 is required for autophagy. It conjugates to ATG12 and associates with isolation membrane to form cup-shaped isolation membrane and autophagosome. The conjugate detaches from the membrane immediately before or after autophagosome formation is completed. ATG5 may play an important role in the apoptotic process, possibly within the modified cytoskeleton. Its expression is a relatively late event in the apoptotic process, occurring downstream of caspase activity.
Protein Interactions	TEKT4; CCHCR1; WIPI2; KEAP1; VCP; MEOX2; FADD; ATG16L1; RB1CC1; EXOC4; ATG3; ATG12; CAV1; HTT; WDFY3; TAB3; TAB2; TECPR1; ELAVL1; UBC; SIRT1; TKT; MAP1LC3C; MAP1LC3B; ATG10; ATG5; IMPDH2;
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-ATG5 (ARP59071_P050-HRP) antibody</a>
Blocking Peptide	For anti-ATG5 (ARP59071_P050-HRP) antibody is <a href="#">Catalog# AAP59071</a> (Previous Catalog# AAPP45062)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATG5
Uniprot ID	<a href="#">Q9H1Y0</a>
Protein Name	Autophagy protein 5
Protein Accession #	<a href="#">NP_004840</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_004849</a>
Gene Symbol	<a href="#">ATG5</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 79%

**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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