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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	ARP58927_P050-HRP
Product Page	www.avivasysbio.com/atg4a-antibody-middle-region-hrp-arp58927-p050-hrp.html
Name	ATG4A Antibody - middle region : HRP (ARP58927_P050-HRP)
Protein Size (# AA)	259 amino acids
Molecular Weight	28kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	115201
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	autophagy related 4A, cysteine peptidase
Alias Symbols	APG4A, AUTL2
Peptide Sequence	Synthetic peptide located within the following region: AVYVSM DNTV VIEDIKK MCRV LPLSADTAGDRPPDSL TASNQSD E LIFLD
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 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. Transcript variants that encode distinct isoforms have been identified.
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-ATG4A (ARP58927_P050-HRP) antibody
Blocking Peptide	For anti-ATG4A (ARP58927_P050-HRP) antibody is Catalog # AAP58927
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATG4A
Uniprot ID	Q8WYN0
Protein Name	cysteine protease ATG4A
Protein Accession #	NP_443168.2
Purification	Affinity Purified
Nucleotide Accession #	NM_052936.3
Gene Symbol	ATG4A
Predicted Species Reactivity	Human, Rat
Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 100%; Rat: 83%

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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