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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

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ATG4B Antibody - N-terminal region : FITC (ARP58929_P050-FITC)

Data Sheet

Product Number	ARP58929_P050-FITC
Product Page	www.avivasysbio.com/atg4b-antibody-n-terminal-region-fitc-arp58929-p050-fitc.html
Name	ATG4B Antibody - N-terminal region : FITC (ARP58929_P050-FITC)
Protein Size (# AA)	393 amino acids
Molecular Weight	44kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	23192
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ATG4 autophagy related 4 homolog B (S. cerevisiae)
Alias Symbols	APG4B, AUTL1
Peptide Sequence	Synthetic peptide located within the following region: SVLNAFIDRKDSYYSIHQIAQMGVGEGKSIGQWYGPNTVAQVLKKLAVFD
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. APG4B encodes a member of the autophagin protein family and is also designated as a member of the C-54 family of cysteine proteases.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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Protein Interactions	SUMO2; MAP1LC3B; MAP1LC3A; BAG3; ATG8; YWHAB; GABARAPL1; SQSTM1; UBC; GABARAPL2; ATG10; ATG3; AMBRA1; GABARAP; CAMKK2; ATG12; ULK1; STK3; KRT4; ANXA1; FBXW11; LINC00341;
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-ATG4B (ARP58929_P050-FITC) antibody
Blocking Peptide	For anti-ATG4B (ARP58929_P050-FITC) antibody is Catalog # AAP58929 (Previous Catalog # AAPP44876)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATG4B
Uniprot ID	Q9Y4P1
Protein Name	Cysteine protease ATG4B
Protein Accession #	NP_037457
Purification	Affinity Purified
Nucleotide Accession #	NM_013325
Gene Symbol	ATG4B

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 100%; Guinea Pig: 93%; Horse: 77%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 93%
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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