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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56324_P050-Biotin
Product Page	www.avivasysbio.com/atp6v1a-antibody-n-terminal-region-biotin-arp56324-p050-biotin.html
Name	ATP6V1A Antibody - N-terminal region : Biotin (ARP56324_P050-Biotin)
Protein Size (# AA)	617 amino acids
Molecular Weight	68kDa
Subunit	A
Conjugation	Biotin
NCBI Gene Id	523
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ATPase, H ⁺ transporting, lysosomal 70kDa, V1 subunit A
Alias Symbols	HO68, VA68, VPP2, Vma1, DEE93, ARCL2D, ATP6A1, IECEE3, ATP6V1A1
Peptide Sequence	Synthetic peptide located within the following region: SGVSVGDPVLRRTGKPLSVELGPGIMGAIFDGIQRPLSDISSQTQSIYIPR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Lu, M., (2007) J. Biol. Chem. 282 (34), 24495-24503
Description of Target	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sort
Protein Interactions	MTPN; MTAP; HSPD1; PDIA3; RBBP4; RAB1A; FBXO6; ATP4A; UBC; TIPRL; UBR1; TXNDC17; URM1; TXNDC5; MARCKSL1; DDX28; RMDN3; ZNF706; ZNF593; UBXN1; UBE2S; PTGR1; MSLN; PRDX6; TXNL1; ATP6V1F; VAPA; EIF3F; USP5; VCL; RPA2; EIF4A1; DARS; CSE1L; ATP6V1B1; ATP5C1; A
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-ATP6V1A (ARP56324_P050-Biotin) antibody
Blocking Peptide	For anti-ATP6V1A (ARP56324_P050-Biotin) antibody is Catalog # AAP56324 (Previous Catalog # AAPP38336)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATP6V1A
Uniprot ID	P38606
Protein Name	V-type proton ATPase catalytic subunit A
Protein Accession #	NP_001681
Purification	Affinity Purified
Nucleotide Accession #	NM_001690
Gene Symbol	ATP6V1A
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 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.

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