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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	ARP55488_P050-HRP
Product Page	www.avivasysbio.com/atp6v0d2-antibody-middle-region-hrp-arp55488-p050-hrp.html
Name	ATP6V0D2 Antibody - middle region : HRP (ARP55488_P050-HRP)
Protein Size (# AA)	350 amino acids
Molecular Weight	40kDa
Subunit	d 2
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	245972
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d2
Alias Symbols	VMA6, ATP6D2
Peptide Sequence	Synthetic peptide located within the following region: MNVLAFNRQFHYGVFYAYVKLKEQEIRNIVWIAECISQRHRTKINSYIPI
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Nishi, T. (2003) Biol. Cell 95 (7), 453-457
Description of Target	ATP6V0D2 is the subunit of the integral membrane V0 complex of vacuolar ATPase. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system. ATP6V0D2 may play a role in coupling of proton transport and ATP hydrolysis.
Protein Interactions	AGO3; RBM15B; RPS3; NDUFB8; ADRM1;
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-ATP6V0D2 (ARP55488_P050-HRP) antibody
Blocking Peptide	For anti-ATP6V0D2 (ARP55488_P050-HRP) antibody is Catalog # AAP55488 (Previous Catalog # AAPP33380)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATP6V0D2
Uniprot ID	Q8N8Y2
Protein Name	V-type proton ATPase subunit d 2
Protein Accession #	NP_689778
Purification	Affinity Purified
Nucleotide Accession #	NM_152565
Gene Symbol	ATP6V0D2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%

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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