



# 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                                 | ARP55488_P050-FITC   |
| Product Page                                   | <a href="http://www.avivasysbio.com/atp6v0d2-antibody-middle-region-fitc-arp55488-p050-fitc.html">www.avivasysbio.com/atp6v0d2-antibody-middle-region-fitc-arp55488-p050-fitc.html</a>   |
| Name   | ATP6V0D2 Antibody - middle region : FITC (ARP55488_P050-FITC)  |
| Protein Size (# AA)                            | 350 amino acids  |
| Molecular Weight                               | 40kDa  |
| Subunit  | d 2  |
| Conjugation                                    | FITC: Fluorescein Isothiocyanate   |
| NCBI Gene Id                                   | 245972   |
| Host   | Rabbit   |
| Clonality                                      | Polyclonal   |
| Concentration                                  | 0.5 mg/ml  |
| Gene Full Name                                 | ATPase, H <sup>+</sup> transporting, lysosomal 38kDa, V0 subunit d2  |
| Alias Symbols                                  | VMA6, ATP6D2   |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">MNVLAFNRQFHYGVFYAYVKLKEQEIRNIVWIAECISQRHRTKINSYIPI</a>   |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.   |
| 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 <a href="#">anti-ATP6V0D2 (ARP55488_P050-FITC) antibody</a>  |
| Blocking Peptide                               | For anti-ATP6V0D2 (ARP55488_P050-FITC) antibody is <a href="#">Catalog # AAP55488</a> (Previous Catalog # AAPP33380)   |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human ATP6V0D2  |
| Uniprot ID                                     | <a href="#">Q8N8Y2</a>   |
| Protein Name                                   | V-type proton ATPase subunit d 2   |
| Protein Accession #                            | <a href="#">NP_689778</a>  |
| Purification                                   | Affinity Purified  |
| Nucleotide Accession #                         | <a href="#">NM_152565</a>  |
| Gene Symbol                                    | <a href="#">ATP6V0D2</a>   |
| 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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