



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58590_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/atp6v1e2-antibody-middle-region-hrp-arp58590-p050-hrp.html">www.avivasysbio.com/atp6v1e2-antibody-middle-region-hrp-arp58590-p050-hrp.html</a>
Name	ATP6V1E2 Antibody - middle region : HRP (ARP58590_P050-HRP)
Protein Size (# AA)	226 amino acids
Molecular Weight	26kDa
Subunit	E 2
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	90423
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ATPase, H <sup>+</sup> transporting, lysosomal 31kDa, V1 subunit E2
Alias Symbols	VMA4, ATP6E1, ATP6EL2, ATP6V1EL2
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">LMSTMRNQARLKVLRARNDLISDLLSEAKLRLSRIVEDPEVYQGLLDKLV</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Hillier, L. W., (2005) Nature 434 (7034), 724-731
Description of Target	ATP6V1E2 is a subunit of the peripheral V1 complex of vacuolar ATPase essential for assembly or catalytic function. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells. This isoform is essential for energy coupling involved in acidification of acrosome.
Protein Interactions	C9orf16; ATP6V1G1; UBC;
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-ATP6V1E2 (ARP58590_P050-HRP) antibody</a>
Blocking Peptide	For anti-ATP6V1E2 (ARP58590_P050-HRP) antibody is <a href="#">Catalog # AAP58590</a> (Previous Catalog # AAPP35710)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATP6V1E2
Uniprot ID	<a href="#">Q96A05</a>
Protein Name	V-type proton ATPase subunit E 2
Protein Accession #	<a href="#">NP_542384</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_080653</a>
Gene Symbol	<a href="#">ATP6V1E2</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 79%; Guinea Pig: 86%; Horse: 79%; Human: 100%; Mouse: 79%; Rabbit: 79%; Rat: 86%; Sheep: 79%

**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.

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)