



# SZABO SCANDIC

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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

### 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	ARP54915_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/vps4a-antibody-n-terminal-region-biotin-arp54915-p050-biotin.html">www.avivasysbio.com/vps4a-antibody-n-terminal-region-biotin-arp54915-p050-biotin.html</a>
Name	VPS4A Antibody - N-terminal region : Biotin (ARP54915_P050-Biotin)
Protein Size (# AA)	437 amino acids
Molecular Weight	49kDa
Conjugation	Biotin
NCBI Gene Id	27183
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Vacuolar protein sorting 4 homolog A (S. cerevisiae)
Alias Symbols	SKD1, SKD2, VPS4, SKD1A, VPS4-1
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">YFLHAIKYEAHSDKAKESIRAKCVQYLDRAEKLKDYLRSEKHEGKPKVKE</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Taylor,G.M., (2007) J. Virol. 81 (24), 13631-13639
Description of Target	VPS4A is a member of the AAA protein family (ATPases associated with diverse cellular activities), and is the homolog of the yeast Vps4 protein. In humans, two paralogs of the yeast protein have been identified. Functional studies indicate that both human paralogs associate with the endosomal compartments, and are involved in intracellular protein trafficking, similar to Vps4 protein in yeast. The protein encoded by this gene is a member of the AAA protein family (ATPases associated with diverse cellular activities), and is the homolog of the yeast Vps4 protein. In humans, two paralogs of the yeast protein have been identified. The former share a high degree of aa sequence similarity with each other, and also with yeast Vps4 and mouse Skd1 proteins. The mouse Skd1 (suppressor of K <sup>+</sup> transport defect 1) has been shown to be really an yeast Vps4 ortholog. Functional studies indicate that both human paralogs associate with the endosomal compartments, and are involved in intracellular protein trafficking, similar to Vps4 protein in yeast. The gene encoding this paralog has been mapped to chromosome 16; the gene for the other resides on chromosome 18. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	FBXO6; UBC; CFTR; KCND3; CHMP4B; CHMP1B; CHMP4A; CHMP2A; VPS4A; CHMP1A; CHMP4C; gag; VTA1; CHMP3; CHMP5; HGS; NPC1; BABAM1; VPS4B; RND2;
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-VPS4A (ARP54915_P050-Biotin) antibody</a>
Blocking Peptide	For anti-VPS4A (ARP54915_P050-Biotin) antibody is <a href="#">Catalog # AAP54915</a> (Previous Catalog # AAPP31870)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human VPS4A
Uniprot ID	<a href="#">Q9UN37</a>
Protein Name	Vacuolar protein sorting-associated protein 4A
Protein Accession #	<a href="#">NP_037377</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_013245</a>
Gene Symbol	<a href="#">VPS4A</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	

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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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)