



# 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	ARP56526_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/rpa1-antibody-middle-region-hrp-arp56526-p050-hrp.html">www.avivasysbio.com/rpa1-antibody-middle-region-hrp-arp56526-p050-hrp.html</a>
Name	RPA1 Antibody - middle region : HRP (ARP56526_P050-HRP)
Protein Size (# AA)	616 amino acids
Molecular Weight	68kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	6117
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Replication protein A1, 70kDa
Alias Symbols	HSSB, RF-A, RP-A, REPA1, RPA70, MST075
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">TLWGEDADKFDGSRQPVLAIKGARVSDFGGRSLSVLSSSTIANPDIPEA</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Tomida,J., (2008) J. Biol. Chem. 283 (14), 9071-9079
Description of Target	RPA1 plays an essential role in several cellular processes in DNA metabolism including replication, recombination and DNA repair. RPA1 binds and subsequently stabilizes single-stranded DNA intermediates and thus prevents complementary DNA from reannealing
Protein Interactions	STRA13; UBC; MTUS2; APITD1; PCNA; SUMO2; FBXO18; ATRX; MAP4; CAPRIN1; LMO7; LIG3; LDHA; ITGB1; IMPDH2; ILF3; ILF2; HSPB1; HSPA8; HSPA5; HNRNPU; HNRNPL; HNRNPK; HNRNPH1; HNRNPF; HNRNPD; HNRNPAB; HNRNPA2B1; HNRNPA1; HCFC1; GTF3C2; GTF2I; GTF2H3; GAPDH; XRCC
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-RPA1 (ARP56526_P050-HRP) antibody</a>
Blocking Peptide	For anti-RPA1 (ARP56526_P050-HRP) antibody is <a href="#">Catalog # AAP56526</a> (Previous Catalog # AAPP39034)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPA1
Uniprot ID	<a href="#">P27694</a>
Protein Name	Replication protein A 70 kDa DNA-binding subunit
Sample Type Confirmation	RPA1 is strongly supported by BioGPS gene expression data to be expressed in 721_B, HeLa RPA1 is supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	<a href="#">NP_002936</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_002945</a>
Gene Symbol	<a href="#">RPA1</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 93%
<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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)