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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56525_P050-Biotin
Product Page	www.avivasysbio.com/rpa1-antibody-middle-region-biotin-arp56525-p050-biotin.html
Name	RPA1 Antibody - middle region : Biotin (ARP56525_P050-Biotin)
Protein Size (# AA)	616 amino acids
Molecular Weight	68kDa
Conjugation	Biotin
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: SRGEGKLFSLLELVDESGEIRATAFNEQVDKFFPLIEVNVKVVYFSGKGLKI
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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 anti-RPA1 (ARP56525_P050-Biotin) antibody
Blocking Peptide	For anti-RPA1 (ARP56525_P050-Biotin) antibody is Catalog # AAP56525 (Previous Catalog # AAPP39033)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPA1
Uniprot ID	P27694
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 HeLa
Protein Accession #	NP_002936
Purification	Affinity Purified
Nucleotide Accession #	NM_002945
Gene Symbol	RPA1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep, Yeast, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Yeast: 93%; Zebrafish: 92%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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