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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54942_P050-Biotin
Product Page	www.avivasysbio.com/rpa4-antibody-c-terminal-region-biotin-arp54942-p050-biotin.html
Name	RPA4 Antibody - C-terminal region : Biotin (ARP54942_P050-Biotin)
Protein Size (# AA)	261 amino acids
Molecular Weight	29kDa
Conjugation	Biotin
NCBI Gene Id	29935
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Replication protein A4, 30kDa
Alias Symbols	HSU24186
Peptide Sequence	Synthetic peptide located within the following region: HQEGKSIHELRAQLCDLSVKAIKEAIDYLTVEGHIYPTVDREHFKSAD
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Wu,X., Biochem J. 391 (PT 3), 473-480 (2005)
Description of Target	Replication protein A (RPA) is an essential factor for DNA double-strand break repair and cell cycle checkpoint activation. RPA4 is the 32-kDa subunit of the RPA, which associates with the 70- and 13-kDa subunits to form a trimeric RPA complex. Replication protein A (RPA) is an essential factor for DNA double-strand break repair and cell cycle checkpoint activation. This gene encodes the 32-kDa subunit of the RPA, which associates with the 70- and 13-kDa subunits to form a trimeric RPA complex. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1448 BC069824.1 1-1448
Protein Interactions	APP; MSH3; MSH2; MUTYH; XPA; RPA3; RPA1; RPA2;
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-RPA4 (ARP54942_P050-Biotin) antibody
Blocking Peptide	For anti-RPA4 (ARP54942_P050-Biotin) antibody is Catalog # AAP54942 (Previous Catalog # AAPP32092)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human RPA4
Uniprot ID	Q13156
Protein Name	Replication protein A 30 kDa subunit
Protein Accession #	NP_037479
Purification	Affinity Purified
Nucleotide Accession #	NM_013347
Gene Symbol	RPA4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 86%; Guinea Pig: 86%; Horse: 79%; Human: 100%; Mouse: 79%; Rabbit: 79%; Rat: 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.

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