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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56522_P050-Biotin
Product Page	www.avivasysbio.com/rfc1-antibody-middle-region-biotin-arp56522-p050-biotin.html
Name	RFC1 Antibody - middle region : Biotin (ARP56522_P050-Biotin)
Protein Size (# AA)	1147 amino acids
Molecular Weight	128kDa
Subunit	1
Conjugation	Biotin
NCBI Gene Id	5981
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Replication factor C (activator 1) 1, 145kDa
Alias Symbols	A1, RFC, PO-GA, RECC1, CANVAS, MHCBBF, RFC140
Peptide Sequence	Synthetic peptide located within the following region: AQAIYASVLPGLMRGYMTQFPFPSWLGKHSSTGKHDRIVQDLALHMSL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is the large subunit of replication factor C, which is a five subunit DNA polymerase accessory protein. Replication factor C is a DNA-dependent ATPase that is required for eukaryotic DNA replication and repair. The protein acts as an activator of DNA polymerases, binds to the 3' end of primers, and promotes coordinated synthesis of both strands. It also may have a role in telomere stability.
Protein Interactions	SPRTN; UBC; PCNA; RPA3; RPA2; RPA1; YWHAQ; SMC1A; RFC4; NOTCH1; WDR18; RBM14; RFC5; RFC3; RFC2; LAMP2; MYOC; SIRT7; SUMO2; HDGF; RAD17; CSNK2B; tat; SAP25; ZSCAN1; SSBP3; PMS1; CEBPA; BRCA1; RFC1; BRD4; HDAC1; CASP3; TCEAL1; CCND1; REL; CDK4; CHTF18; SMA
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-RFC1 (ARP56522_P050-Biotin) antibody
Blocking Peptide	For anti-RFC1 (ARP56522_P050-Biotin) antibody is Catalog # AAP56522 (Previous Catalog # AAPP44488)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RFC1
Uniprot ID	P35251-2
Protein Name	Replication factor C subunit 1
Protein Accession #	NP_002904
Purification	Affinity Purified
Nucleotide Accession #	NM_002913
Gene Symbol	RFC1
Predicted Species Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 93%

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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