

Rabbit RPA14 Polyclonal Antibody | anti-RPA3 antibody

RPA14 Antibody

CATALOG # AAA329023	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA
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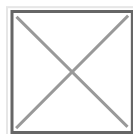
PRODUCT SYNONYMS

RPA14; Polyclonal Antibody; RPA14 Antibody; p14; REPA 3; REPA3; Replication factor A protein 3; Replication protein A 14 kDa subunit; Replication protein A3 14kD; Replication protein A3 14kDa; Replication protein A3; RF A; RF A protein 3; RF-A protein 3; RFA protein 3; RFA3_HUMAN; RP A; RP A p14; RP-A p14; RPA 14; RPA 3; RPA p14; rpa3; anti-RPA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPA14 Antibody detects endogenous levels of total RPA14.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	121
Applicable Applications for anti-RPA3 antibody	ELISA
Immunogen	A synthesized peptide derived from human RPA14, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using RPA14 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-RPA3 antibody

As part of the heterotrimeric replication protein A complex (RPA/RP-A), binds and stabilizes single-stranded DNA intermediates that form during DNA replication or upon DNA stress. It prevents their reannealing and in parallel, recruits and activates different proteins and complexes involved in DNA metabolism. Thereby, it plays an essential role both in DNA replication and the cellular response to DNA damage. In the cellular response to DNA damage, the RPA complex controls DNA repair and DNA damage checkpoint activation. Through recruitment of ATRIP activates the ATR kinase a master regulator of the DNA damage response. It is required for the recruitment of the DNA double-strand break repair factors RAD51 and RAD52 to chromatin, in response to DNA damage.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506587
NCBI GeneID	6119
NCBI Accession #	NP_002938.1
NCBI GenBank Nucleotide #	NP_002938.1
UniProt Accession #	P35244
Molecular Weight	13kDa
NCBI Official Full Name	replication protein A 14 kDa subunit
NCBI Official Synonym Full Names	replication protein A3
NCBI Official Symbol	RPA3
NCBI Official Synonym Symbols	REPA3; RP-A p14
NCBI Protein Information	replication protein A 14 kDa subunit
UniProt Protein Name	Replication protein A 14 kDa subunit
UniProt Gene Name	RPA3
UniProt Synonym Gene Names	REPA3; RPA14; RP-A p14; RF-A protein 3
UniProt Entry Name	RFA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rpa14-antibody-elisa/329023>