

Rabbit RPA14 Polyclonal Antibody | anti-RPA14 antibody

RPA14 antibody

CATALOG # AAA107655	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

RPA14; Polyclonal Antibody; RPA14 antibody; Polyclonal RPA14; Anti-RPA14; REPA3; RPA 14; RPA-14; replication protein A 14 kDa subunit; replication factor A protein 3; RPA3; RF-A protein 3; RP-A p14; anti-RPA14 antibody

PRODUCT SPECIFICATIONS

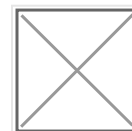
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	RPA14 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 1X PBS, 1% BSA, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	122
Applicable Applications for anti-RPA14 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA binding and protein interactions. Functions as component of the alternative replication protein A complex (aRPA). aRPA binds single-stranded DNA and probably plays a role in DNA repair; it does not support chromosomal DNA replication and cell cycle progression through S-phase. In vitro, aRPA cannot promote efficient priming by DNA polymerase alpha but supports DNA polymerase delta synthesis in the presence of PCNA and replication factor C (RFC), the dual incision/excision reaction of nucleotide excision repair and RAD51-dependent strand exchange.
Cross-Reactivity	Human
Immunogen	RPA14 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 121 of RPA14
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:HeLa S3; B:Hep G2; C:MOLT4) using a 15 % SDS PAGE gel and RPA14 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded lung CA patient tumor using RPA14 antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-RPA14 antibody	Affinity purified Rabbit polyclonal RPA14 antibody
Product Categories/Family for anti-RPA14 antibody	DNA & RNA; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	14020867
Molecular Weight	14 kDa
NCBI Official Full Name	RPA14
UniProt Protein Name	RPA14
UniProt Gene Name	rpa2
UniProt Entry Name	Q977W8_9EURY

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-western-blot-immunohistochemistry-elisa/107655>