

Rabbit anti-Human, Rat RPA2 Polyclonal Antibody | anti-RPA2 antibody

Anti-RPA2 (pT21) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261232	Rabbit	Human, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

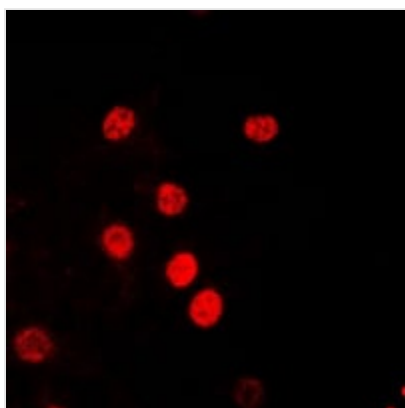
PRODUCT SYNONYMS

RPA2; Polyclonal Antibody; Anti-RPA2 (pT21) Phospho Antibody; REPA2; RPA32; RPA34; Replication protein A 32 kDa subunit; RP-A p32; Replication factor A protein 2; RF-A protein 2; Replication protein A 34 kDa subunit; RP-A p34; anti-RPA2 antibody

PRODUCT SPECIFICATIONS

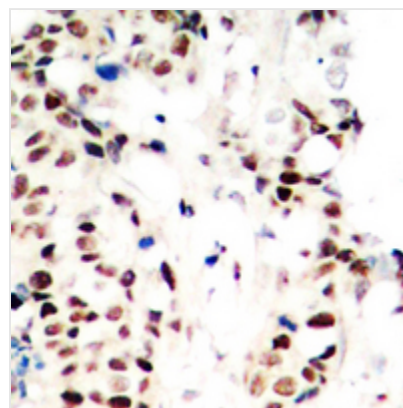
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of RPA2 (pT21) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	270
Applicable Applications for anti-RPA2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human RPA2. The exact sequence is proprietary.
Preparation and Storage	Shipped and store at 4 degree C for one year. Do not freeze.

IMAGES



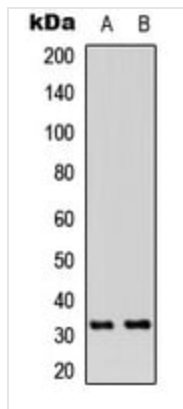
IF (Immunofluorescence)

Immunofluorescent analysis of RPA2 (pT21) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of RPA2 (pT21) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of RPA2 (pT21) expression in HeLa UV-treated (A), A549 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-RPA2 antibody

Rabbit polyclonal antibody to RPA2 (pT21)

NCBI AND UNIPROT INFORMATION

NCBI GI #	132474
NCBI GeneID	6118
UniProt Accession #	P15927; Q52II0; Q5TEI9; Q5TEJ5
Molecular Weight	38,810 Da
NCBI Official Full Name	Replication protein A 32 kDa subunit
NCBI Official Synonym Full Names	replication protein A2
NCBI Official Symbol	RPA2
NCBI Official Synonym Symbols	REPA2; RPA32; RP-A p32; RP-A p34
NCBI Protein Information	replication protein A 32 kDa subunit
UniProt Protein Name	Replication protein A 32 kDa subunit
UniProt Gene Name	RPA2
UniProt Synonym Gene Names	REPA2; RPA32; RPA34; RP-A p32; RF-A protein 2; RP-A p34
UniProt Entry Name	RFA2_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/rpa2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261232>