

Rabbit anti-Human Replication protein A 32 kDa subunit Polyclonal Antibody | anti-RPA2 antibody

Rabbit anti-human Replication protein A 32 kDa subunit polyclonal Antibody

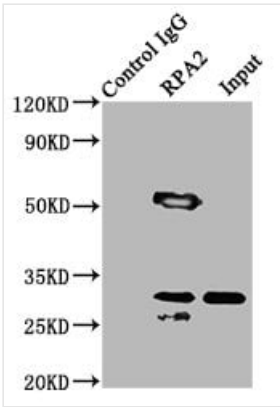
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229680	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

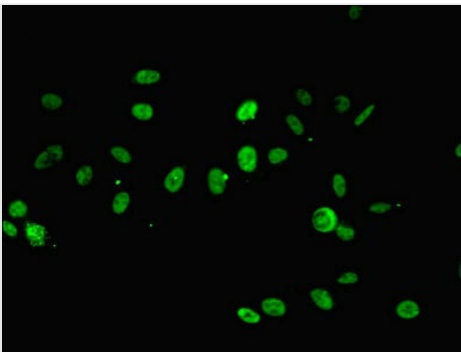
Replication protein A 32 kDa subunit; Polyclonal Antibody; Rabbit anti-human Replication protein A 32 kDa subunit polyclonal Antibody; Replication protein A 32 kDa subunit protein; Replication factor A protein 2; Replication protein A 34 kDa subunit; REPA2; RPA32; RPA34; RPA2; anti-RPA2 antibody

PRODUCT SPECIFICATIONS

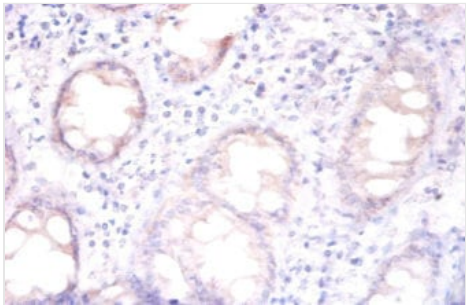
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	174
Applicable Applications for anti-RPA2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Replication protein A 32 kDa subunit protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46501 / sc-46626 / sc-14691 / sc-14692 / sc-28709
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.



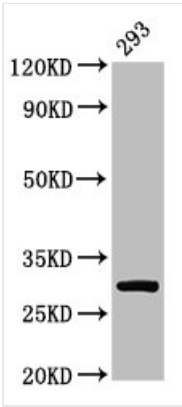
IP (Immunoprecipitation)
Immunoprecipitating RPA2 in HeLa whole cell lysate. Lane 1: Rabbit control IgG (1ug) instead of AAA229680 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: AAA229680 (6ug) + HeLa whole cell lysate (500ug). Lane 3: HeLa whole cell lysate (10ug).



IHC (Immunohistochemistry)
Immunofluorescent analysis of HeLa cells using AAA229680 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colorectal carcinoma using AAA229680 at dilution 1:100.



WB (Western Blot)
Western Blot. Positive WB detected in: 293 whole cell lysate. All lanes: RPA2 antibody at 2ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 30, 31, 39 KDa. Observed band size: 30 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RPA2 antibody	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.
Product Categories/Family for anti-RPA2 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	554595586
NCBI GeneID	6118
NCBI Accession #	NP_001273005.1
NCBI GenBank Nucleotide #	NM_001286076.1
UniProt Accession #	P15927; Q52II0; Q5TEI9; Q5TEJ5

Molecular Weight	38,810 Da
NCBI Official Full Name	replication protein A 32 kDa subunit isoform 2
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/replication-protein-a-32-kda-subunit-antibody-immunohistochemistry-western-blot-elisa/229680>