

Rabbit RPA1 Polyclonal Antibody | anti-RPA1 antibody

RPA1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200612	Rabbit	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep	Western Blot

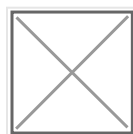
PRODUCT SYNONYMS

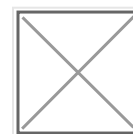
RPA1; Polyclonal Antibody; RPA1 antibody - middle region; anti-RPA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TL WGEDADKFDG SRQPVLAIKG ARVSDFGGRS LSVLSSTII ANPDIPEA
Sequence Length	616
Applicable Applications for anti-RPA1 antibody	WB (Western Blot)
Protein Size (# AA)	616 amino acids
Protein Interactions	STRA13; UBC; MTUS2; APITD1; PCNA; SUMO2; FBXO18; ATRX; MAP4; CAPRIN1; LMO7; LIG3; LDHA; ITGB1; IMPDH2; ILF3; ILF2; HSPB1; HSPA8; HSPA5; HNRNPU; HNRNPL; HNRNPK; HNRNPH1; HNRNPF; HNRNPD; HNRNPAB; HNRNPA2B1; HNRNPA1; HCFC1; GTF3C2; GTF2I; GTF2H3; GAPDH; XRCC
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPA1
Replacement Item	This antibody may replace item sc-14696 from Santa Cruz Biotechnology.
Predicted Homology	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 93%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-RPA1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: RPA1
Sample Type: Human MCF7
Antibody Dilution: 1.0ug/ml
RPA1 is supported by BioGPS gene expression data to be expressed in MCF7

**WB (Western Blot)**

Host: RabbitTarget Name: RPA1Sample Type: Human HeLaAntibody Dilution: 1.0ug/mlRPA1 is strongly supported by BioGPS gene expression data to be expressed in HeLa

**WB (Western Blot)**

Host: RabbitTarget Name: RPA1Sample Type: Human 721_BAntibody Dilution: 1.0ug/mlRPA1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

ADDITIONAL INFORMATION

Related Product Information for anti-RPA1 antibody	This is a rabbit polyclonal antibody against RPA1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: RPA1 plays an essential role in several cellular processes in DNA metabolism including replication, recombination and DNA repair. RPA1 binds and subsequently stabilizes single-stranded DNA intermediates and thus prevents complementary DNA from reannealing
Product Categories/Family for anti-RPA1 antibody	Polyclonal ; Cell Cycle Proteins ; Transcription Regulation ; DNA Damage & Repair ; DNA Repair ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506583
NCBI GeneID	6117
NCBI Accession #	NP_002936
NCBI GenBank Nucleotide #	NM_002945
UniProt Accession #	P27694
Molecular Weight	68kDa
NCBI Official Full Name	replication protein A 70 kDa DNA-binding subunit isoform 1
NCBI Official Synonym Full Names	replication protein A1
NCBI Official Symbol	RPA1
NCBI Official Synonym Symbols	HSSB; RF-A; RP-A; REPA1; RPA70; MST075
NCBI Protein Information	replication protein A 70 kDa DNA-binding subunit
UniProt Protein Name	Replication protein A 70 kDa DNA-binding subunit
UniProt Gene Name	RPA1
UniProt Synonym Gene Names	REPA1; RPA70; RP-A p70
UniProt Entry Name	RFA1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rpa1-antibody-western-blot-elisa/200612>