

Rabbit RPA Interacting Protein Polyclonal Antibody | anti-RPAIN antibody

RPA Interacting Protein Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39784	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

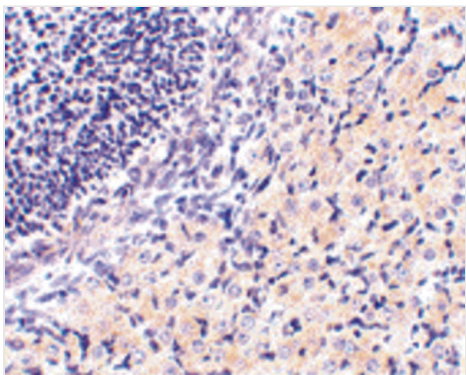
PRODUCT SYNONYMS

RPA Interacting Protein; Polyclonal Antibody; RPA Interacting Protein Antibody; RIP; HRIP; RPA-interacting protein; hRIP; RPA interacting protein; anti-RPAIN antibody

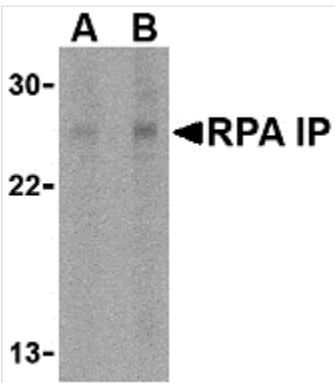
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	RPA Interacting Protein Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	219
Applicable Applications for anti-RPAIN antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	RPA IP antibody was raised against a 17 amino acid synthetic peptide from near the carboxy terminus of human RPA IP.
Buffer	RPA Interacting Protein Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	RPA Interacting Protein antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of RPA Interacting Protein in mouse stomach tissue with RPA Interacting Protein antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of RPA Interacting Protein in Jurkat cell lysate with RPA Interacting Protein antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-RPAIN antibody	RPA Interacting Protein Antibody: Replication protein A (RPA) is a single-stranded-DNA binding protein involved in numerous eukaryotic DNA processes including replication, repair and recombination. RPA interacting protein (RPA IP) has been identified as an adapter protein that is involved in RPA nuclear import instead of the prototypical importin proteins that normally mediate nuclear import. Multiple isoforms of RPA IP are known to exist, with the longest isoform localized to the cytoplasm. Isoform 2 is sumoylated and is located in the PML nuclear body within the nucleus. It has been suggested that this isoform mediates the localization of the RPA complex into the PML nuclear body, thereby participating in RPA function in DNA metabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74136541
NCBI GeneID	84268
NCBI Accession #	NP_001028174
NCBI GenBank Nucleotide #	NM_001033002.2
UniProt Accession #	Q86UA6; Q4G2Y0; Q4G2Y5; Q4G2Y8; Q6B4V9; Q6B4W0; Q6B4W1; Q6B4W4; B4DI36; B4DTX7; E9PES3; J3KNH8
Molecular Weight	17,118 Da
NCBI Official Full Name	RPA interacting protein
NCBI Official Synonym Full Names	RPA interacting protein
NCBI Official Symbol	RPAIN
NCBI Official Synonym Symbols	RIP; HRIP
NCBI Protein Information	RPA-interacting protein; nuclear transporter; RAP interaction protein
UniProt Protein Name	RPA-interacting protein
UniProt Gene Name	RPAIN
UniProt Synonym Gene Names	RIP; hRIP
UniProt Entry Name	RIP_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.

