

Rabbit anti-Human, Mouse RPA32 Polyclonal Antibody | anti-RPA32 antibody

Rabbit anti-Phospho RPA32 (S4/S8) IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214014	Rabbit	Human, Mouse	Immunohistochemistry, Immunohistochemistry

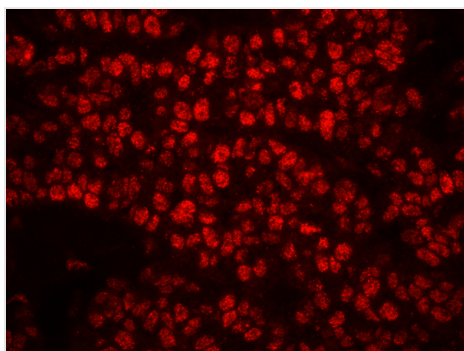
PRODUCT SYNONYMS

RPA32; Polyclonal Antibody; Rabbit anti-Phospho RPA32 (S4/S8) IHC Antibody; Affinity Purified; Phospho (S4/S8); replication factor A protein 2; RP-A p34; RP-A p32; RF-A protein 2; replication protein A 32 kDa subunit; REPA2; replication protein A 34 kDa subunit; Replication protein A 32 kDa subunit; replication protein A2; anti-RPA32 antibody

PRODUCT SPECIFICATIONS

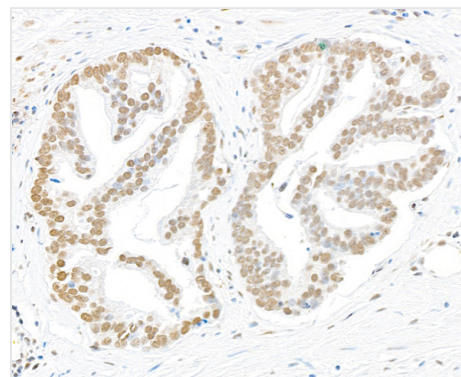
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-RPA32 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Orangutan, Monkey, Gorilla, Little brown bat, White-tufted-ear marmoset
Immunogen	Surrounding serine 4/8
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



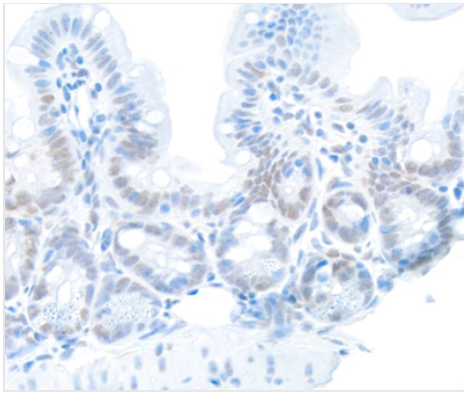
IHC (Immunohistochemistry)

Detection of human Phospho-RPA32 (S4/S8) by immunohistochemistry. Samples: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Phospho-RPA32 (S4/S8) (Cat. No. AAA214014) used at a dilution of 1:100. Detection Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.



IHC (Immunohistochemistry)

Detection of human Phospho-RPA32 (S4/S8) by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-Phospho-RPA32 (S4/S8) (AAA214014 Lot 4) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse Phospho-RPA32 (S4/S8) by immunohistochemistry. Sample: FFPE section of mouse gut. Antibody: Affinity purified rabbit anti-Phospho-RPA32 (S4/S8) (AAA214014 Lot 4) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-RPA32 antibody	Replication protein A (RPA) is a multisubunit complex that carries out DNA mismatch repair (MMR) in association with MSH2 (a subunit of human MutS heterodimers), MLH1 (a subunit of human MutL heterodimers), PCNA, and DNA polymerase-delta. RPA is composed of a heterotrimer that includes subunits of 70 kDa (RPA1), 32kDa (RPA2), and 14kDa (RPA3). RPA2, the 32kDa subunit, is phosphorylated by the cdc2 family of kinases when cells enter S-phase and in response to DNA damage by ATM, ATR, and DNA-PK.
Product Categories/Family for anti-RPA32 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506585
NCBI GeneID	6118
NCBI Accession #	NP_002937.1
NCBI GenBank Nucleotide #	NM_002946.3
UniProt Accession #	P15927 ; Q52II0 ; Q5TEI9 ; Q5TEJ5
Molecular Weight	29,247 Da
NCBI Official Full Name	replication protein A 32 kDa subunit
NCBI Official Synonym Full Names	replication protein A2, 32kDa
NCBI Official Symbol	RPA2
NCBI Official Synonym Symbols	REPA2; RPA32
NCBI Protein Information	replication protein A 32 kDa subunit; RP-A p32; RP-A p34; RF-A protein 2; replication factor A protein 2; replication protein A 34 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.

