antibodies - online.com







anti-RPA2 antibody (AA 1-267)



Images



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Quantity:	100 μg
Target:	RPA2
Binding Specificity:	AA 1-267
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Replication protein A 32 kDa subunit protein (1-267AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RPA2
Alternative Name:	RPA2 (RPA2 Products)
Background:	Background: 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.

Aliases: 60S acidic ribosomal protein P1 antibody, AA409079 antibody, Al325195 antibody, AU020965 antibody, ik:tdsubc_2g1 antibody, M(2)21C antibody, MGC137236 antibody, OTTHUMP00000004008 antibody, p32 antibody, p34 antibody, RCJMB04_6d17 replication protein A2, 32 kDa antibody, REPA2 antibody, Replication factor A protein 2 antibody, Replication protein A 32 kDa subunit antibody, Replication protein A 32 kDa subunit antibody, Replication protein A antibody, Replication Protein A2 (32 kDa) antibody, Replication protein A2 antibody, Replication protein A2, 32 kDa antibody, RF-A protein 2 antibody, Rf-A2 antibody, RFA antibody, RFA2_HUMAN antibody, RP-A p32 antibody, RP-A p34 antibody, RP21C antibody, RPA 2 antibody, RPA 32 antibody, RPA antibody, RPA32 antibody, RPA32 antibody

UniProt:

P15927

Pathways:

Telomere Maintenance, DNA Damage Repair, Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA

Application Details

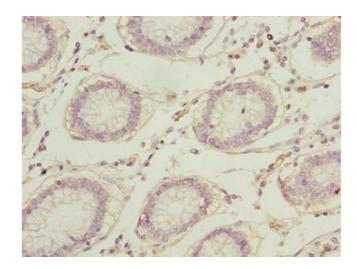
Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000,
Restrictions:	For Research Use only

Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

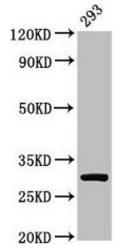
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



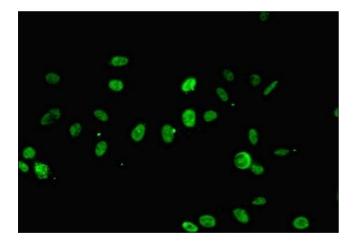
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7167697 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: 293 whole cell lysate All lanes: RPA2 antibody at $2 \mu g/mL$ Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 30, 31, 39 kDa Observed band size: 30 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of Hela cells using ABIN7167697 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the product details page for more images. Overall 5 images are available for ABIN7167697.