



RPA32/RPA2 (phospho-Ser8) rabbit pAb

Catalog No	YP-Ab-01462
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	RPA2 REPA2 RPA32 RPA34
Immunogen	Synthesized phosho peptide around human RPA32 and RPA2 (Ser8)
Specificity	This antibody detects endogenous levels of Human RPA32 or RPA2 (phospho-Ser8)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	60S acidic ribosomal protein P1;AA409079;A1325195;AU020965;ik:tdsubc_2g1;M(2)21C;MGC137236;OTTHUMP00000004008;p32;p34;RCJMB04_6d17 replication protein A2;32kDa;REPA2;Replication factor A protein 2;Replication protein A 32 kDa subunit;Replication protein A 32kDa subunit;Replication protein A 34 kDa subunit;Replication protein A;Replication Protein A2 (32kDa); Replication protein A2;RF-A protein 2;Rf-A2;RFA;RFA2_HUMAN;RP-A p32;RP-A p34;RP21C;RPA 2;RPA 32;RPA;Rpa2;RPA32;RPA34;RpLP1;RpP2;xx:tdsubc_2g1;zgc:109822;RFA2;RPA2 REPA2 RPA32 RPA34;RPA32/RPA2 (Ser8);Replication protein A 32 kDa subunit (RP-A p32) (Replication factor A protein 2) (RF-A protein 2) (Replication protein A 34 kDa subunit) (RP-A p34)
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Nucleus . Nucleus, PML body . Redistributes to discrete nuclear foci upon DNA damage in an ATR-dependent manner. .
Tissue Specificity	Kidney,Lung,Muscle,



Function

function: Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA binding and protein interactions., PTM: Phosphorylated in a cell-cycle-dependent manner (from the S phase until mitosis). Phosphorylated by ATR upon DNA damage, which promotes its translocation to nuclear foci. Can be phosphorylated in vitro by PRKDC/DNA-PK in the presence of Ku and DNA, and by CDC2., subcellular location: Also present in PML nuclear bodies. Redistributes to discrete nuclear foci upon DNA damage., subunit: Heterotrimer of 70, 32 and 14 kDa chains. The DNA-binding activity may reside exclusively on the 70 kDa subunit. Binds to SERTAD3/RBT1. Interacts with TIPIN.,

Background

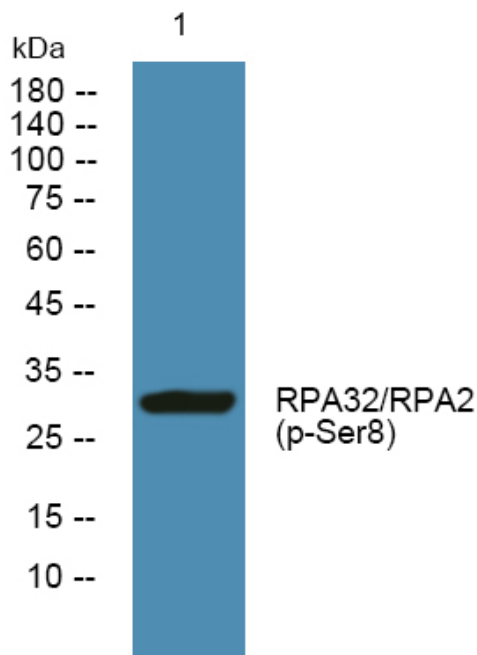
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night