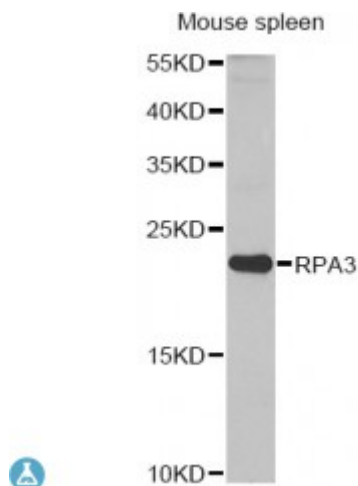


Anti-RPA3 Antibody



Model	STJ115993
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 6-121 of human RPA3 (NP_002938.1).
Gene ID	6119
Gene Symbol	RPA3
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Replication protein A 14 kDa subunit RP-A p14 Replication factor A protein 3 RF-A protein 3
Molecular Weight	13.569 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:10291 OMIM:179837 Reactome:R-HSA-110312

Alternative Names	Replication protein A 14 kDa subunit RP-A p14 Replication factor A protein 3 RF-A protein 3
Function	As part of the heterotrimeric replication protein A complex (RPA/RP-A), binds and stabilizes single-stranded DNA intermediates that form during DNA replication or upon DNA stress, It prevents their reannealing and in parallel, recruits and activates different proteins and complexes involved in DNA metabolism, Thereby, it plays an essential role both in DNA replication and the cellular response to DNA damage ,
Cellular Localization	Nucleus
Post-translational Modifications	Ubiquitinated by RFWD3 at stalled replication forks in response to DNA damage: ubiquitination by RFWD3 does not lead to degradation by the proteasome and promotes removal of the RPA complex from stalled replication forks, promoting homologous recombination ,