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## Datasheet for ABIN7167686 **anti-RPA3 antibody (AA 1-119) (Biotin)**

### Overview

Quantity:	100 µg
Target:	RPA3
Binding Specificity:	AA 1-119
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPA3 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Replication protein A 14 kDa subunit protein (1-119AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	RPA3
Alternative Name:	RPA3 ( <a href="#">RPA3 Products</a> )
Background:	Background: Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA binding and protein interactions. Ref.7 Ref.9 Functions as

## Target Details

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: p14 antibody, REPA 3 antibody, REPA3 antibody, Replication factor A protein 3 antibody, Replication protein A 14 kDa subunit antibody, Replication protein A3 14kD antibody, Replication protein A3 14 kDa antibody, Replication protein A3 antibody, RF A antibody, RF A protein 3 antibody, RF-A protein 3 antibody, RFA protein 3 antibody, RFA3\_HUMAN antibody, RP A antibody, RP A p14 antibody, RP-A p14 antibody, RPA 14 antibody, RPA 3 antibody, RPA p14 antibody, rpa3 antibody

UniProt: [P35244](#)

Pathways: [Telomere Maintenance](#), [DNA Damage Repair](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.

Storage: -20 °C,-80 °C

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