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Datasheet for ABIN7167694

**anti-RPA4 antibody (AA 1-260) (Biotin)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg                                     |
| Target:              | RPA4                                       |
| Binding Specificity: | AA 1-260                                   |
| Reactivity:          | Human                                      |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This RPA4 antibody is conjugated to Biotin |
| Application:         | ELISA                                      |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human Replication protein A 30 kDa subunit protein (1-260AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | >95%, Protein G purified   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | RPA4  |
| Alternative Name: | RPA4 ( <a href="#">RPA4 Products</a> )  |
| Background:       | Background: As part of the alternative replication protein A complex, aRPA, binds single-stranded DNA and probably plays a role in DNA repair. Compared to the RPA2-containing, |

## Target Details

canonical RPA complex, may not support chromosomal DNA replication and cell cycle progression through S-phase. The aRPA may not promote efficient priming by DNA polymerase alpha but could support 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: HSU24186 antibody, MGC120333 antibody, MGC120334 antibody, p30 antibody, Replication factor A protein 4 antibody, Replication protein A 30 kDa subunit antibody, RF A antibody, RF-A protein 4 antibody, RFA antibody, RFA4\_HUMAN antibody, RP A antibody, RP-A p30 antibody, RPA antibody, RPA4 antibody

UniProt: [Q13156](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#)

## 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.