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**Product Name: RPA14 Rabbit Polyclonal Antibody****Catalog #: APRab17336**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:50-1:300
<b>Molecular Weight</b>	14kDa

**Antigen Information**

<b>Gene Name</b>	RPA3
<b>Alternative Names</b>	Replication protein A 14 kDa subunit (RP-A p14) (Replication factor A protein 3) (RF-A protein 3)
<b>Gene ID</b>	6119.0
<b>SwissProt ID</b>	P35244
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 30-80

**Background**

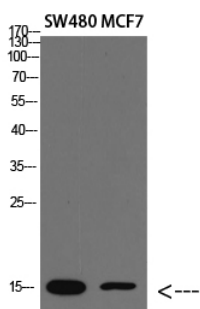
function:Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA

binding and protein interactions.,subunit:Heterotrimer of 70, 32 and 14 kDa chains. The DNA-binding activity may reside exclusively on the 70 kDa subunit. Interacts with RPA4.,function:Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA binding and protein interactions.,subunit:Heterotrimer of 70, 32 and 14 kDa chains. The DNA-binding activity may reside exclusively on the 70 kDa subunit. Interacts with RPA4.,

## Research Area

DNA replication;Nucleotide excision repair;Mismatch repair;Homologous recombination;

## Image Data



Western blot analysis of lysate, antibody was diluted at 2000. Secondary antibody was diluted at 1:20000