



# RPA14 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                            |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-10655                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>                  | Human;Mouse                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB;IHC                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>                   | RPA3 REPA3 RPA14                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                   | Synthetic peptide from human protein at AA range: 30-80                                                                                                                                                                                                                                                    |
| <b>Specificity</b>                 | The antibody detects endogenous RPA14                                                                                                                                                                                                                                                                      |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                    |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                     |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                      |
| <b>Dilution</b>                    | WB 1:500-2000;IHC-p 1:50-300                                                                                                                                                                                                                                                                               |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                       |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>                    | REPA3;Replication factor A protein 3;replication protein A3;14kDa;RF A protein 3;RP A p14;RPA14;RPA3;RPA3 REPA3 RPA14;Replication protein A 14 kDa subunit (RP-A p14) (Replication factor A protein 3) (RF-A protein 3)                                                                                    |
| <b>Observed Band</b>               | 14kD                                                                                                                                                                                                                                                                                                       |
| <b>Calculated Molecular Weight</b> | 14kD                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>                | Nucleus .                                                                                                                                                                                                                                                                                                  |
| <b>Tissue Specificity</b>          | Brain,Kidney,Lung,                                                                                                                                                                                                                                                                                         |
| <b>Function</b>                    | 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., |
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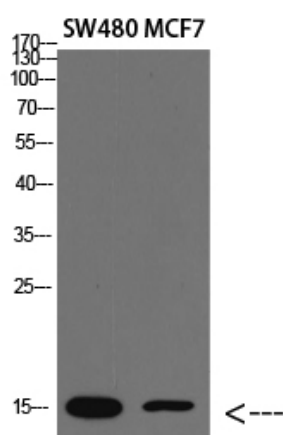
**matters needing attention**

Avoid repeated freezing and thawing!

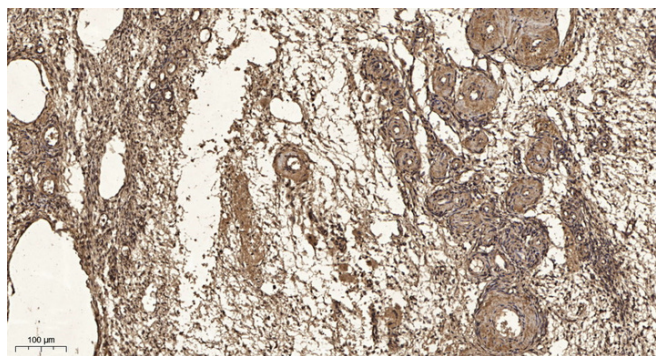
**Usage suggestions**

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

**Products Images**



Western blot analysis of lysate, antibody was diluted at 2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).