

## RPA2 (A17) polyclonal antibody

Catalog: BS1692

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

RPA is a major damage-recognition protein involved in the early stages of nucleotide excision repair. It can also play a role in telomere maintenance. The C-terminus of RPA 32 can specifically interact with the DNA repair enzyme UNG2 and repair factors XPA and Rad52, each of which functions in a different repair pathway. In addition, RPA 32 binds specifically to the SH2 domain of Stat3 in vivo, and overexpression of RPA 32 corresponds to the augmented growth factor-stimulated tyrosine phosphorylation and transcription activities of Stat3.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 32 kDa

### Swiss-Prot:

P15927

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

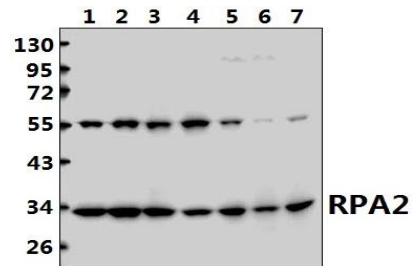
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

RPA2 (A17) polyclonal antibody detects endogenous levels of RPA2 protein.

### DATA:



Western blot (WB) analysis of RPA2 (A17) pAb at 1:500 dilution

Lane1:H1792 whole cell lysate(40ug)

Lane2:EC9706 whole cell lysate(40ug)

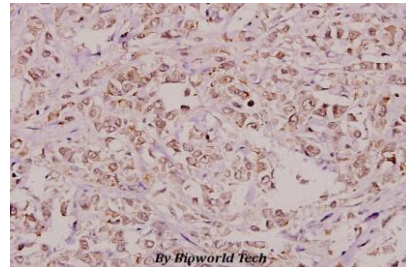
Lane3:A549 whole cell lysate(40ug)

Lane4:SGC7901 whole cell lysate(40ug)

Lane5:HCT116 whole cell lysate(40ug)

Lane6:PMVEC whole cell lysate(40ug)

Lane7:3T3-L1 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of RPA2 (A17) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151