

RPA2 (A17) polyclonal antibody

Catalog: BCP01452

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

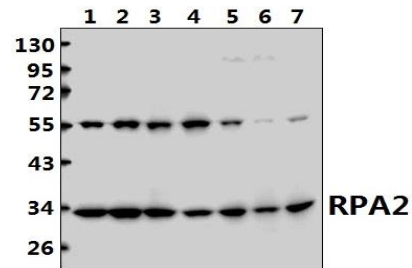
Storage&Stability:

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)

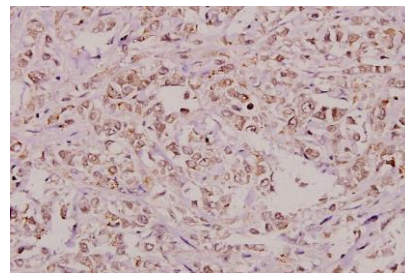
Lane3:A549 whole cell lysate(40ug)

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.