

Recombinant RPA70 Monoclonal Antibody

catalog number: **AN301946L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

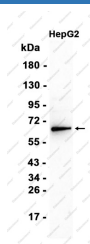
Reactivity	Human
Immunogen	A synthetic peptide of human RPA70
Host	Rabbit
Isotype	Rabbit IgG
Clone	C311567
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

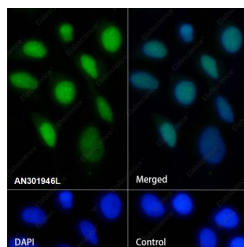
WB	1:1000
IHC-P	1:100-1:200
ICC/IF	1:100-1:200
IP	1:10-1:50
FCM	1:50-1:100

Data

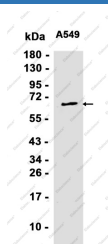


Western blot analysis of HepG2 cell lysates using RPA70 Antibody (AN301946L) at a dilution of 1:3000.

Observed-MW:70 kDa
Calculated-MW:68 kDa



Immunofluorescence analysis of HeLa cells using RPA70 Antibody(AN301946L). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.



Western blot analysis of A549 cell lysates using RPA70 Antibody (AN301946L) at a dilution of 1:1000.

Observed-MW:70 kDa
Calculated-MW:68 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.5

RPA70 also named as HSSB, REPA1, RF-A, RP-A, p70, is a component of a heterotrimeric complex, composed of 70, 32/30 and 14 kDa subunits, collectively known as RPA. RPA is a single stranded DNA binding protein, whose DNA binding activity is believed to reside entirely in the 70 kDa subunit. The complex is required for almost all aspects of cellular DNA metabolism such as DNA replication, recombination, cell cycle and DNA damage checkpoints, and all major types of DNA repair including nucleotide excision, base excision, mismatch and double-strand break repairs.