

For Research Use Only

RPA4 Polyclonal antibody

Catalog Number: 18144-1-AP



Basic Information

Catalog Number:

18144-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12800

GenBank Accession Number:

BC069791

GeneID (NCBI):

29935

UNIPROT ID:

Q13156

Full Name:

replication protein A4, 34kDa

Calculated MW:

261 aa, 29 kDa

Observed MW:

29-32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, mouse spleen tissue

IP : HeLa cells,

Background Information

RPA4, also named as RP-A p30, is a 261 amino acid protein, which belongs to the replication factor A protein 2 family. RPA4 is preferentially expressed in placental and colon mucosa. RPA4 as part of the alternative replication protein A complex, aRPA, binds single-stranded DNA and probably plays a role in DNA repair. This protein, Rpa4, has 47% identity with Rpa2, the 34-kDa subunit of RPA. (PMID: 7760808)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

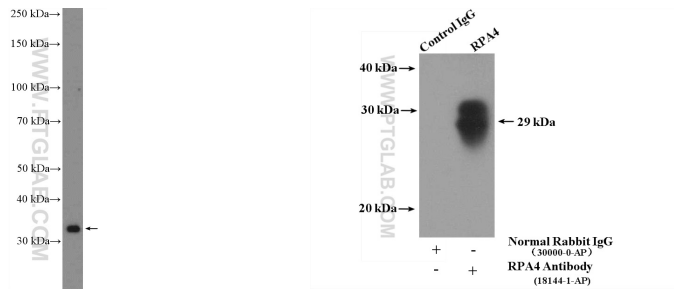
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 18144-1-AP (RPA4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

IP result of anti-RPA4 (IP:18144-1-AP, 4ug; Detection:18144-1-AP 1:300) with HeLa cells lysate 3400ug.