

For Research Use Only

RFC5 Polyclonal antibody

Catalog Number: 28671-1-AP



Basic Information

Catalog Number:

28671-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29236

GenBank Accession Number:

BC001866

GeneID (NCBI):

5985

UNIPROT ID:

P40937

Full Name:

replication factor C (activator 1) 5,

36.5kDa

Calculated MW:

36 aa, 5 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:50-1:500

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HCT 116 cells, U-251 cells, HEK-293T cells

IF/ICC : HeLa cells,

Background Information

Replication factor C subunit 5 (RFC5), also known as activator 1, can recruit proliferating cell nuclear antigen(PCNA) onto the DNA polymerase S-phase checkpoint complex. In eukaryotes, RFC5 is involved in repairing mismatches, DNA double helix damage, nucleotide excision, and regulating the cell cycle(PMID: 30210909). RFC5 is significantly upregulated in cancer tissues or cells, and its expression is elevated with the cancer progression(PMID: 30214556).

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:

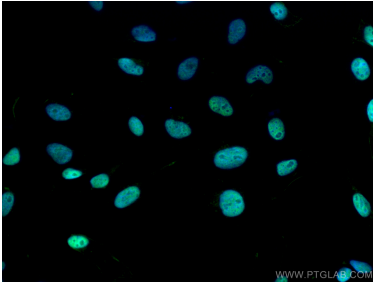
T: 4006900926

E: Proteintech-CN@ptglab.com

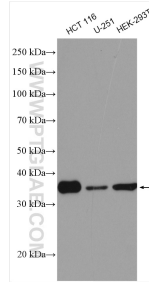
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RFC5 antibody (28671-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 28671-1-AP (RFC5 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.