

For Research Use Only

RFC5 Polyclonal antibody

Catalog Number: 28671-1-AP



Basic Information

| | | |
|---|---|--|
| Catalog Number: 28671-1-AP | GenBank Accession Number: BC001866 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 400 ug/ml by Nanodrop; | GeneID (NCBI): 5985 | Recommended Dilutions: WB 1:500-1:3000 |
| Source: Rabbit | UNIPROT ID: P40937 | IF/ICC 1:50-1:500 |
| Isotype: IgG | Full Name: replication factor C (activator 1) 5, 36.5kDa | |
| Immunogen Catalog Number: AG29236 | Calculated MW: 36 aa, 5 kDa | |

Applications

| | |
|--|---|
| Tested Applications: WB, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: Human | 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

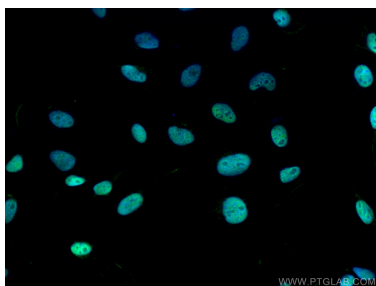
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

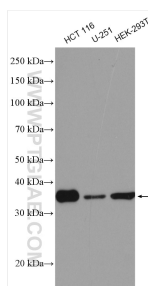
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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 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.