

[Go to Product page](#)

## Datasheet for ABIN7449278 **anti-RFC5 antibody (AA 1-50)**

### Overview

Quantity:	100 µg
Target:	RFC5
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RFC5 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	Goat anti-RFC5 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	RFC5
Alternative Name:	RFC5 ( <a href="#">RFC5 Products</a> )
Background:	Background: The Replication factor C (RFC) heteropentamer includes RFC1, RFC2, RFC3, RFC4, and RFC5. The RFC heteropentamer is part of the multiprotein DNA replicase that functions to

## Target Details

replicate DNA prior to cell division and repair DNA damage. RFC is the clamp loader ATPase associated with the DNA replicase. As the clamp loader, RFC uses ATP to recruit, open, and close the PCNA ring to link it to DNA for replication and repair. RFC5 is the 36 kDa subunit of RFC that forms a core complex with RFC2 and RFC4 and can interact with the C-terminal region of PCNA.

Gene ID: 5985

NCBI Accession: [NP\\_031396](#)

UniProt: [P40937](#)

Pathways: [Telomere Maintenance](#), [DNA Damage Repair](#), [DNA Replication](#), [Synthesis of DNA](#)

## Application Details

Application Notes: 1:500 - 1:2,500

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months