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Datasheet for ABIN7449406  
**anti-RFC3 antibody (AA 80-110)**

## Overview

Quantity:	100 µg
Target:	RFC3
Binding Specificity:	AA 80-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Purpose:	Rabbit anti-RFC3 Antibody, Affinity Purified
Immunogen:	between AA 80 and 110
Isotype:	IgG
Predicted Reactivity:	Mouse,Bovine
Purification:	Affinity Purified

## Target Details

Target:	RFC3
Alternative Name:	RFC3 ( <a href="#">RFC3 Products</a> )
Background:	Background: The Replication factor C (RFC) heteropentamer includes RFC1, RFC2, RFC3, RFC4,

## Target Details

and RFC5. The RFC heteropentamer is part of the multiprotein DNA replicase that functions to 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. RFC3 is the 38 kDa subunit of RFC that is essential for the interaction between RFC1 and the core formed by RFC2, RFC4, and RFC5.

Gene ID: 5983

NCBI Accession: [NP\\_853536](#)

UniProt: [P40938](#)

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

## Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

WB: 1:2,500 - 1:10,000

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