

Datasheet for ABIN7449169
anti-RFC4 antibody (AA 1-50)



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Overview

Quantity:	100 µg
Target:	RFC4
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-RFC4 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	RFC4
Alternative Name:	RFC4 (RFC4 Products)
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. RFC4 is the 37 kDa subunit of RFC that is part of the core complex formed with RFC2 and RFC5.

Gene ID: 5984

NCBI Accession: [NP_002907](#)

UniProt: [P35249](#)

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

Application Details

Application Notes: 1:1,000 - 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