

Datasheet for ABIN2855757

**anti-RFC4 antibody**

## 4 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	RFC4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human RFC4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to RFC4 (replication factor C (activator 1) 4, 37 kDa) RFC4 antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	RFC4
Alternative Name:	replication factor C subunit 4 ( <a href="#">RFC4 Products</a> )

## Target Details

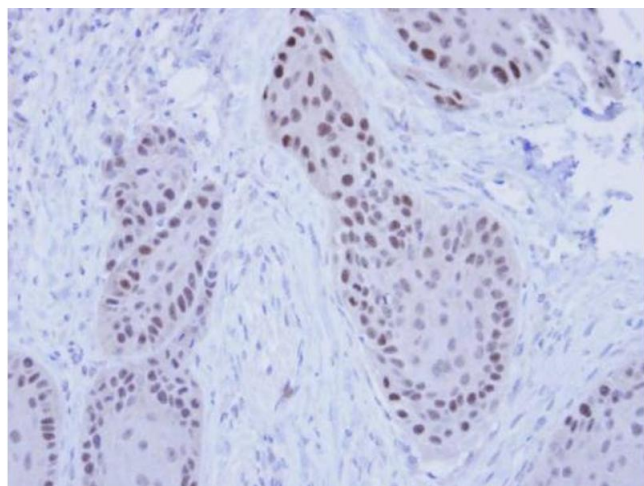
Background:	<p>The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct subunits of 140, 40, 38, 37, and 36 kD. This gene encodes the 37 kD subunit. This subunit forms a core complex with the 36 and 40 kDa subunits. The core complex possesses DNA-dependent ATPase activity, which was found to be stimulated by PCNA in an in vitro system. Alternatively spliced transcript variants encoding the same protein have been reported.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	40 kDa
Gene ID:	5984
UniProt:	<a href="#">P35249</a>
Pathways:	<a href="#">Telomere Maintenance</a> , <a href="#">DNA Damage Repair</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse liver , 293T , A431 , HeLa , HepG2
Restrictions:	For Research Use only

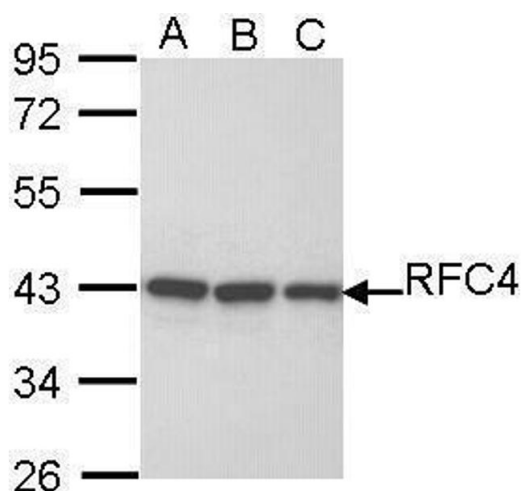
## Handling

Format:	Liquid
Concentration:	0.62 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



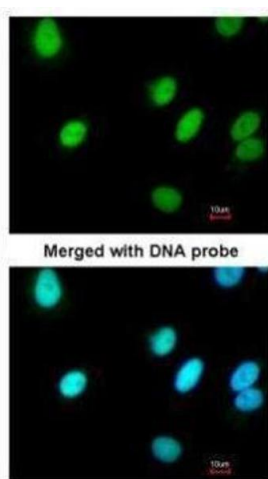
#### Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded MDAMB-468 Xenograft, using RFC4, antibody at 1:100 dilution.



#### Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: H1299 B: HeLa C: Hep G2 , 10% SDS PAGE antibody diluted at 1:1000



#### Immunofluorescence

**Image 3.** ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A549, using RFC4, antibody at 1:200 dilution.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855757.