



[Go to Product page](#)

Datasheet for ABIN2855682

anti-RFC3 antibody

3 Images

Overview

Quantity:	100 µL
Target:	RFC3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human RFC3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to RFC3 (replication factor C (activator 1) 3, 38 kDa) RFC3 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	RFC3
Alternative Name:	replication factor C subunit 3 (RFC3 Products)

Target Details

Background: 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 kDa. This gene encodes the 38 kDa subunit. This subunit is essential for the interaction between the 140 kDa subunit and the core complex that consists of the 36, 37, and 40 kDa subunits. Alternatively spliced transcript variants encoding distinct isoforms have been described.

Cellular Localization: Nucleus

Molecular Weight: 41 kDa

Gene ID: 5983

UniProt: [P40938](#)

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

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: HeLa

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.43 mg/mL

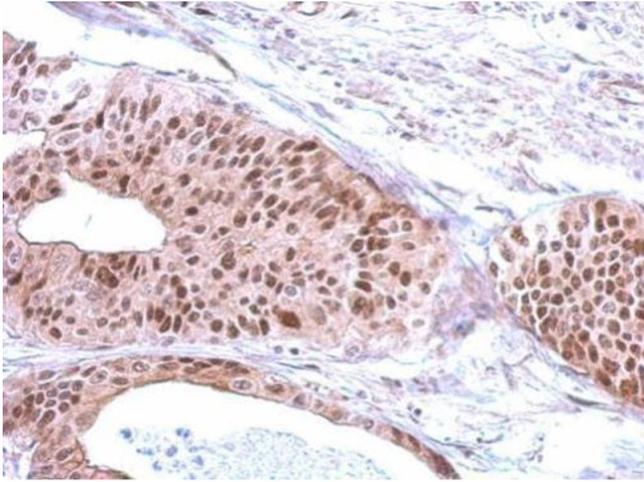
Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

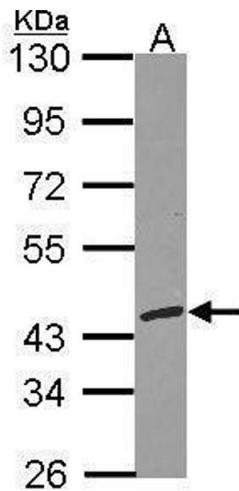
Storage: 4 °C, -20 °C

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 human gastric cancer, using RFC3, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: HeLa 10% SDS PAGE replication factor C3 antibody antibody diluted at 1:1000



Costained with Hoechst 33342



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using RFC3, antibody at 1:200 dilution.