

# Anti-RFC3 antibody ab154899

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## Overview

<b>Product name</b>	Anti-RFC3 antibody
<b>Description</b>	Rabbit polyclonal to RFC3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 51-353 of Human RFC3 (Uniprot ID: P40938).
<b>Positive control</b>	HeLa whole cell lysate; HeLa cells; Human gastric carcinoma tissue.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)</p>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab154899 in the following tested applications.

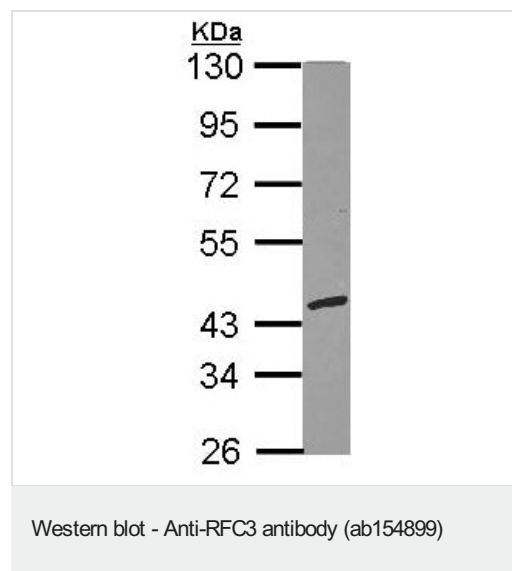
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 41 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Alternatively antigen retrieval using heat mediated Tris/EDTA buffer (pH 8.0) may be used.
ICC/IF		1/100 - 1/1000.

## Target

<b>Function</b>	The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins proliferating cell nuclear antigen (PCNA) and activator 1.
<b>Sequence similarities</b>	Belongs to the activator 1 small subunits family.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Nucleus.

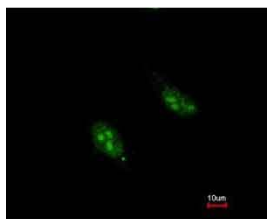
## Images



Anti-RFC3 antibody (ab154899) at 1/1000 dilution + HeLa whole cell lysate at 30 µg

**Predicted band size:** 41 kDa

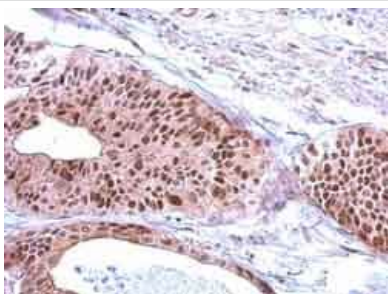
10% SDS PAGE



Immunofluorescent analysis of paraformaldehyde-fixed HeLa cells labeling RFC3 with ab154899 at 1/200 dilution. Lower image shows cells co-stained with Hoechst 33342.



Immunocytochemistry/ Immunofluorescence - Anti-RFC3 antibody (ab154899)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human gastric carcinoma tissue labeling RFC3 with ab154899 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RFC3 antibody (ab154899)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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