


Product datasheet

Anti-RFC4 antibody [EP14557] - C-terminal ab192021

RabMAb[®]

★★★★★ 1 Abreviews 5 Images

Overview

Product name	Anti-RFC4 antibody [EP14557] - C-terminal
Description	Rabbit monoclonal [EP14557] to RFC4 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IP, WB
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human RFC4 aa 300 to the C-terminus. The exact sequence is proprietary. Database link: P35249
Positive control	HeLa, 293T, K562, C6 and PC12 cell lysates; MCF7 cells.
General notes	Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP14557
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab192021** in the following tested applications.

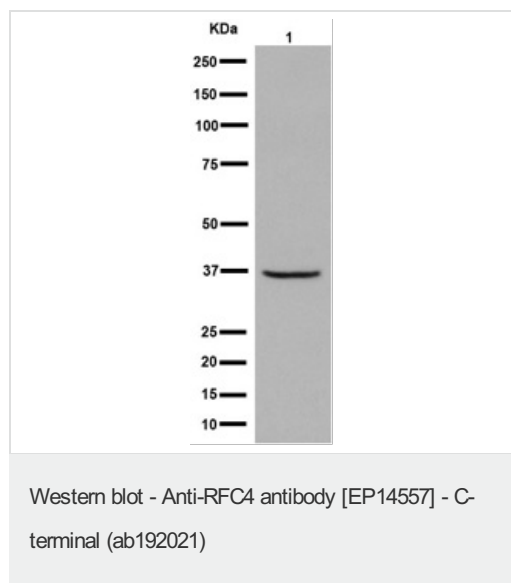
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100.
IP		1/50.
WB	★★★★★	1/1000 - 1/10000. Predicted molecular weight: 40 kDa.

Target

Function	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. This subunit may be involved in the elongation of the multiprimed DNA template.
Sequence similarities	Belongs to the activator 1 small subunits family.
Cellular localization	Nucleus.

Images

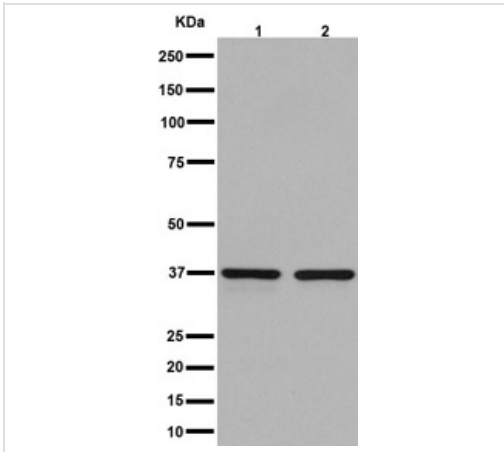


Anti-RFC4 antibody [EP14557] - C-terminal (ab192021) at 1/1000 dilution + HeLa cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 40 kDa



Western blot - Anti-RFC4 antibody [EP14557] - C-terminal (ab192021)

All lanes : Anti-RFC4 antibody [EP14557] - C-terminal (ab192021) at 1/1000 dilution

Lane 1 : 293T cell lysate

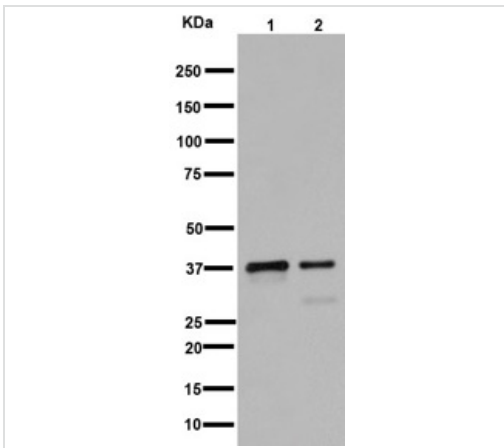
Lane 2 : K562 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 40 kDa



Western blot - Anti-RFC4 antibody [EP14557] - C-terminal (ab192021)

All lanes : Anti-RFC4 antibody [EP14557] - C-terminal (ab192021) at 1/1000 dilution

Lane 1 : C6 cell lysate

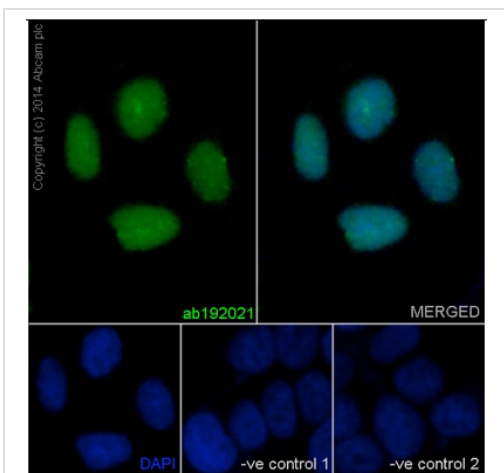
Lane 2 : PC12 cell lysate

Lysates/proteins at 1/20 dilution per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

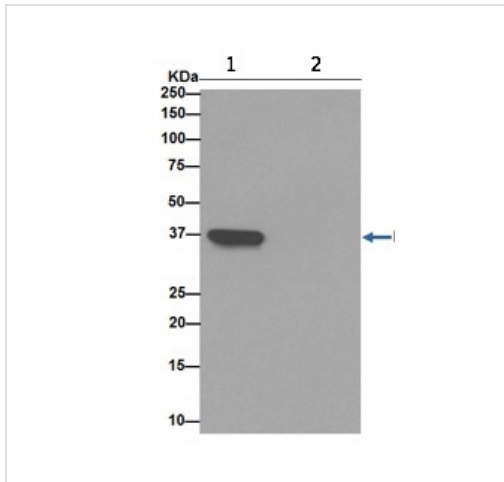
Predicted band size: 40 kDa



Immunocytochemistry/ Immunofluorescence - Anti-RFC4 antibody [EP14557] - C-terminal (ab192021)

Immunofluorescence analysis of MCF7 cells labeling RFC4 using ab192021 at 1/100 dilution (7.4 µg/mL). A Goat anti Rabbit IgG (Alexa Fluor488) at 1/200 dilution ([ab150077](#)) was used as secondary antibody. Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% triton X-100. Counterstain: DAPI.

For the 2 negative control images, ab192021 was used at 1/100 dilution, followed by Goat anti Mouse IgG (Alexa Fluor®594) at 1/500 dilution as secondary antibody.



Immunoprecipitation - Anti-RFC4 antibody
[EP14557] - C-terminal (ab192021)

Western blot analysis of immunoprecipitation pellet from HeLa cell lysate labeling RFC4 with ab192021 at 1/50 dilution (lane 1) or PBS control (lane 2). Secondary staining was with anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG antibody at 1/1500 dilution.

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