

Datasheet: VPA00770

BATCH NUMBER 170504

Description:	RABBIT ANTI REPLICATION FACTOR C SUBUNIT 4
Specificity:	REPLICATION FACTOR C SUBUNIT 4
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography on immunogen

Buffer Solution

TRIS buffered glycine

Preservative Stabilisers

0.01% Thiomersal

<10% Glycerol

Immunogen Recombinant protein encompassing a sequence within the center region of human replication factor C subunit 4

External Database Links

UniProt:

[P35249](#) [Related reagents](#)

Entrez Gene:

[5984](#) RFC4 [Related reagents](#)

Specificity

Rabbit anti Human replication factor C subunit 4 antibody recognizes replication factor C subunit 4, also known as A1 37 kDa subunit, RF-C 37 kDa subunit, activator 1 subunit 4 or replication factor C 37 kDa subunit.

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. Subunit 4 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 (provided by RefSeq, Jul 2008).

Rabbit anti Human replication factor C subunit 4 antibody detects a band of 40 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti replication factor C subunit 4 antibody recognizes a band of approximately 40 kDa in HepG2 cell lysates

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information

Material Safety Datasheet documentation #20357 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00770>
Antibody (20357)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M371039:200529'

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