

## Datasheet: VPA00770

<b>Description:</b>	RABBIT ANTI REPLICATION FACTOR C SUBUNIT 4
<b>Specificity:</b>	REPLICATION FACTOR C SUBUNIT 4
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</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.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography on immunogen.
<b>Buffer Solution</b>	TRIS buffered glycine.
<b>Preservative Stabilisers</b>	<p>0.01% Thiomersal</p> <p>&lt;10% Glycerol</p>
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human replication factor C subunit 4

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**External Database****Links****UniProt:**[P35249](#)[Related reagents](#)**Entrez Gene:**[5984](#)

RFC4

[Related reagents](#)

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**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.

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**Western Blotting**

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

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**Storage**

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

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**Guarantee**

12 months from date of despatch.

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**

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

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**Regulatory**

For research purposes only.

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## 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](https://www.bio-rad-antibodies.com/datasheets)

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