

Datasheet: VPA00736

Description:	RABBIT ANTI PC4
Specificity:	PC4
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
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography on Protein A.
Buffer Solution	Phosphate buffered saline.
Preservative	0.09% Sodium Azide
Stabilisers	2% Sucrose
Immunogen	Synthetic peptide encompassing part of the middle region of human PC4

External Database Links

UniProt:

[P53999](#) [Related reagents](#)

Entrez Gene:

[10923](#) SUB1 [Related reagents](#)

Synonyms	PC4, RPO2TC1
Specificity	<p>Rabbit anti Human PC4 antibody recognizes the activated RNA polymerase II transcriptional coactivator p15, also known as activated RNA polymerase II transcription cofactor 4, or positive cofactor 4.</p> <p>This protein forms a homodimer and is aneneral coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. It also may be involved in stabilizing the multiprotein transcription complex. SUB1 <i>in vivo</i> binds single stranded DNA, but <i>in vitro</i>, it binds non-specifically to double-stranded DNA (ds DNA).</p> <p>Rabbit anti Human PC4 antibody detects a band of 17 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Rabbit anti PC4 detects a band of approximately 17 kDa in MCF7 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 #10045 available at: https://www.bio-rad-antibodies.com/SDS/VPA00736 Antibody (10045)
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](https://www.bio-rad-antibodies.com/datasheets)
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Printed on 13 Aug 2023