

Datasheet: VPA00303

**BATCH NUMBER 160411**

<b>Description:</b>	RABBIT ANTI CREB BINDING PROTEIN
<b>Specificity:</b>	CREB BINDING PROTEIN
<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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**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

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)  
2% Sucrose

**Immunogen** Synthetic peptide corresponding to the N-terminal region of human CREB binding protein

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**External Database**

**Links**

**UniProt:**

[Q92793](#)

[Related reagents](#)

**Entrez Gene:**

[1387](#)

CREBBP

[Related reagents](#)

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**Synonyms**

CBP

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**Specificity**

**Rabbit anti Human CREB binding protein antibody** recognizes CREB binding protein, also known as CREBBP and CBP.

CREB binding protein is ubiquitously expressed and is involved in the transcriptional co-activation of many different transcription factors. First isolated as a nuclear protein that binds to cAMP-response element binding protein (CREB), CREB binding protein is now known to play critical roles in embryonic development, growth control, and homeostasis by coupling chromatin remodeling to transcription factor recognition. The protein encoded by the CREB binding protein gene has intrinsic histone acetyltransferase activity and also acts as a scaffold to stabilize additional protein interactions with the transcription complex. This protein acetylates both histone and non-histone proteins. This protein shares regions of very high sequence similarity with protein p300 in its bromodomain, cysteine-histidine-rich regions, and histone acetyltransferase domain. Mutations in the CREB binding protein gene cause Rubinstein-Taybi syndrome (RTS). Chromosomal translocations involving the CREB binding protein gene have been associated with acute myeloid leukemia. Alternative splicing results in multiple transcript variants encoding different isoforms (provided by RefSeq, Feb 2009).

Rabbit anti Human CREB binding protein antibody detects a band of 300 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti CREB binding protein detects a band of approximately 300 kDa in HEK293 cell lysate

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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 #10045 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00303>  
Antibody (10045)

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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](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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