

Datasheet: VPA00583

**BATCH NUMBER 171346**

<b>Description:</b>	RABBIT ANTI CYCLOPHILIN B
<b>Specificity:</b>	CYCLOPHILIN B
<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.

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	Synthetic peptide directed towards the C terminal region of human cyclophilin B
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P23284</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">5479</a>    PPIB    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CYPB
<b>Specificity</b>	<p><b>Rabbit anti Human cyclophilin B antibody</b> recognizes cyclophilin B also known as peptidyl-prolyl cis-trans isomerase B, PPIB, PPIase B, S-cyclophilin, cyclophilin-like protein, epididymis secretory protein Li 39, peptidyl-prolyl cis-trans isomerase B, rotamase B or SYP-S1.</p> <p>The protein encoded by PPIB gene is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporin A-mediated immunosuppression (provided by RefSeq, Oct 2009). Mutations in the PBIB gene lead to development of Osteogenesis imperfecta 9 (<a href="#">OI9</a>), a connective tissue disorder characterized by low bone mass, bone fragility and susceptibility to fractures after minimal trauma (<a href="#">van Dijk et al. 2009</a>).</p> <p>Rabbit anti Human cyclophilin B antibody detects a band of 20 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti cyclophilin B detects a band of approximately 20 kDa in A431 cell lysates.
<b>Storage</b>	This product is shipped at ambient temperature. Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch.
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10045 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00583">https://www.bio-rad-antibodies.com/SDS/VPA00583</a>
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M441942:250523'

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