



Datasheet: VPA00583

BATCH NUMBER 160801

Description:	RABBIT ANTI CYCLOPHILIN B
Specificity:	CYCLOPHILIN B
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, 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 (NaN₃)
2% Sucrose.

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Synthetic peptide directed towards the C terminal region of human cyclophilin B
External Database Links	<p>UniProt: P23284 Related reagents</p> <p>Entrez Gene: 5479 PPIB Related reagents</p>
Synonyms	CYPB
Specificity	<p>Rabbit anti Human cyclophilin B antibody 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 PPIB gene lead to development of Osteogenesis imperfecta 9 (OI9), a connective tissue disorder characterized by low bone mass, bone fragility and susceptibility to fractures after minimal trauma (van Dijk et al. 2009).</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>
Western Blotting	Anti cyclophilin B detects a band of approximately 20 kDa in A431 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/VPA00583 Antibody (10045)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

Europe Tel: +49 (0) 89 8090 95 21

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: 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

'M380355:210510'

Printed on 19 Jan 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)