

Datasheet: VPA00583

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| 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.

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| 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](#)

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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

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