

Datasheet: VPA00122

**BATCH NUMBER 091214**

<b>Description:</b>	GOAT ANTI PPID
<b>Specificity:</b>	PPID
<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

Goat polyclonal antibody purified by affinity chromatography.

### Buffer Solution

TRIS buffered saline

### Preservative Stabilisers

0.02% Sodium Azide (NaN<sub>3</sub>) 0.5 % BSA

**Immunogen** Peptide with the sequence C-DENFHYKHDREG, from the internal region of the protein sequence.

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**External Database Links**

**UniProt:**

[Q08752](#)    [Related reagents](#)

**Entrez Gene:**

[5481](#)    PPID    [Related reagents](#)

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**Synonyms** CYP40, CYPD

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**Specificity** **Goat anti Human PPID antibody** recognizes the peptidyl-prolyl cis-trans isomerase D (PPID), also known as PPlase D EC=5.2.1.8, 40 kDa peptidyl-prolyl cis-trans isomerase, cyclophilin-40 (CYP-40 and cyclophilin-related protein and rotamase D.

Encoded by the PPID gene, peptidyl-prolyl cis-trans isomerase D is a member of the peptidyl-prolyl cis-trans isomerase (PPlase) family. PPlases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein has been shown to possess PPlase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A (provided by RefSeq, Jul 2008).

Goat anti Human PPID antibody detects a band of 41 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti PPID detects a band of approximately 41 kDa in NIH/3T3 cell lysates.

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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 #10058 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00122>  
Antibody (10058)

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [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://bio-rad-antibodies.com/datasheets)  
'M370512:200529'

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