

Datasheet: VPA00354

**BATCH NUMBER 160309**

<b>Description:</b>	RABBIT ANTI PGK1
<b>Specificity:</b>	PGK1
<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

**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

Ig fraction - liquid

### Preparation

Rabbit Ig fraction prepared by ammonium sulphate precipitation

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

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

**Immunogen** KLH-conjugated synthetic peptide corresponding to aa 117-145 of human PGK1

---

**External Database**

**Links**

**UniProt:**

[P00558](#) [Related reagents](#)

**Entrez Gene:**

[5230](#) PGK1 [Related reagents](#)

---

**Synonyms**

PGKA

---

**Specificity**

**Rabbit anti Human PGK1 antibody** recognizes PGK1, also known as phosphoglycerate kinase 1, PRP 2, cell migration-inducing gene 10 protein, epididymis secretory sperm binding protein Li 68p and primer recognition protein 2.

The protein encoded by the PGK1 gene is a glycolytic enzyme that catalyzes the conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate. The encoded protein may also act as a cofactor for polymerase alpha. PGK1 lies on the X-chromosome, while a related pseudogene also has been found on the X-chromosome and another on chromosome 19 (provided by RefSeq, Oct 2008).

Rabbit anti Human PGK1 antibody detects a band of 45 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**Western Blotting**

Anti PGK1 detects a band of approximately 45 kDa in NIH/3T3 cell lysate

---

**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 #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00354>  
Antibody (10040)

---

**Regulatory**

For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

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

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

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](http://bio-rad-antibodies.com/datasheets)

'M370705:200529'

